

abhisam

Express

IIoT Workshop



April 7, 2018 at
Pune

Venue:
MCCIA Auditorium,
Senapati Bapat Marg, Pune

You can register at the link here

<https://in.explara.com/e/express-industrial-internet-of-things-iiot-workshop>

Online Payments via Credit Card, Debit Card, Bank accepted. Door registrations at venue are not accepted.

Past Attendees

Earlier workshops have been attended by people from companies such as Emerson, Forbes Marshall, Endress+Hauser, Hikal and Rheal Software.



Introduction

The Internet of Things (IoT) is an emerging technology that is set to transform our entire economy & way of life in the coming years. The IoT will have both Domestic (consumer) and Industrial (Business / Enterprise) versions. The Industrial version of the IoT is called the IIoT (Industrial Internet of Things) and will be nearly 70% of the IoT by value by some estimates. This workshop aims to bring you up to speed with this new technology, so that you can participate in this ecosystem and benefit.

About the Workshop

The Abhisam Express IIoT Workshop is designed for the busy professional to come up to speed with the essentials of the new upcoming Industrial Internet technology. It is a smaller version of the regular two day IIoT Workshop. It has been developed by industry experts having cumulatively more than hundred man years. of experience in Industrial Automation, Control Systems and Business Enterprise IT Systems.

This workshop is not the run of the mill IoT hobbyist workshop. It is meant for industrial and business professionals who wish to come up to speed, fast, with this new technology.

About Abhisam

Abhisam Software is a leading global creator and provider of training courses including e-learning software based training, as well as hands on classroom style workshops on technical subjects including on RFID (Radio Frequency Identification), Fieldbus, Safety Instrumented Systems, Hazardous Area Instrumentation and more.

For more details please visit <http://abhisam.com>

Abhisam Express IIoT Workshop Outline of Topics

The Abhisam Express IIoT workshop will be a blend of theory and practical hands on sessions, that aim to bring you quickly, up to speed with IIoT technology. The following is a brief outline of the workshop.

Module 1- Basic Concepts

- Introduction to IoT- Background & History
- How is IIoT different from plain vanilla IoT?
- Challenges facing IIoT due to the I part
- Traditional Data Acquisition & Control Architectures- PLC/DCS/SCADA/SIS
- Changes in legacy architectures due to IIoT
- Industry 4.0 Concepts

Module 2- Understanding IIoT Architectures

- Understanding Industrial architectures
- Understanding Field Devices
- Understanding Edge Gateways in IIoT
- Connecting legacy I/Os – Analog 4-20 mA, Fieldbus, Wireless devices and Gateways
- Communication Protocol MQTT
- Cybersecurity Considerations

Module 3- IIoT Platforms

- Characteristics of IIoT platforms- Open Source, Third Party or Dedicated
- What is the Cloud? Why use it? Fog, Private Cloud & Public Cloud
- Using Microsoft Azure as an IIoT platform & demonstration of capabilities
- Using other IoT platforms
- Analytic Applications & Dashboards

Module 4-Building your IIoT Device & Demo

- Building an IIoT Device
- Developing Specifications
- Selecting Field devices & the platform
- Practical Demo of Valve Simulator & interfacing with a cloud platform
- Practical Demo of Vibration Monitoring solution and using AI

Faculty

The Workshop will be conducted by a group of experts, led by Mr. Anand Iyer, B.E. (Instrumentation) who has worked in various industries in India, the Middle East and the US in various areas and roles. Prior to working with Abhisam, he has more than 25 years of experience in Automation, Control and Safety Systems in several leading companies including Emerson, Petrofac, McDermott and others. His recent interests include developing solutions utilizing the Industrial Internet of Things including a Flare bot and a Water bot. He is also a published author.

The workshop training material has been developed by Abhisam's IIoT experts in the US and India

Certificates

All participants who attend the complete workshop will get a printable Certificate of Participation with a unique ID number and an electronic badge from Abhisam, that can be displayed online on your Linked In Profile or Facebook page.



Fees

Course Fee is Rs.4,490/- plus GST@18%. (Group Discount of 10% for 3 or more participants is available).

Student Discount tickets are available for bonafide full time students of Degree / Diploma colleges and institutes.

Inclusions: Training, Training Material, Certificate and Lunch/Tea/Coffee

Exclusions: Travel, Stay and everything not mentioned in Inclusions.

Register & Pay at the link below:

<https://in.explara.com/e/express-industrial-internet-of-things-iiot-workshop>

Eligibility

Any technical qualification and/or industry experience. Must be familiar with basic programming & networking concepts.

Venue

Mahratta Chamber of Commerce Industries and Agriculture Auditorium, Trade Tower, Senapati Bapat Road, Pune

Register Here

You can register at the link here

<https://in.explara.com/e/express-industrial-internet-of-things-iiot-workshop>

Online Payments via Credit Card, Debit Card, Bank accepted. Door registrations at venue are not accepted.

Disclaimer

Abhisam reserves the right to modify/change the program outline /contents, based on current technology developments and audience composition. or to cancel/ postpone the event in case minimum number of participants do not register. Alternatively, venue may be changed (within Pune) if number of participants is more. Abhisam has no connection with the vendors named here such as Microsoft Azure others, nor is an affiliate/reseller of any of these entities, nor does Abhisam endorse any particular vendor. Customer logos belong to the respective organizations. Information about their products and services is provided for educational use only and the decision to use any provider is left to the learners own judgement. Abhisam training workshops are vendor neutral.

More Information

For more information please contact sales@abhisam.com or call us on +91 22 21732956 or +91 7208060349 or +91 8983750838

Hands on demos

On actual Industrial IoT devices designed and built by us!

