Manufacturing Technology Training
An IMTMA initiative

Role of Augmented Reality / Virtual Reality (AR / VR) in Industry 4.0 for manufacturing
Date : 20 August, 2021
Time : 1340 Hrs to 1700 Hrs (Online Mode)

INTRODUCTION

Industry 4.0 is all about Data Automation and Decisions and Improvements based on Data; and the most tricky part is the Intelligent retrieval and being able to pop up just the right Data at right place and right time to the authorized person, in a friendly, automated and effortless manner. The effectiveness of outcome of Industry 4.0 largely depends on how effectively the Primary Data, Processed Data, Reports and Intelligence gets eventually used.

While Virtual Reality provides an immersive visualization of the virtual world for the purpose of Training and Simulation; Augmented Reality has immense potential to be configured to present just the right data at right context automatically, in addition to providing easy connectivity for collaborative working remotely.
IMTMA is organizing this webinar to illustrate the exciting possibilities with AR/VR

FOCUS AREAS

- Features of Virtual Reality
- Applications of Immersive Visualization
- Industry Case Studies for VR
- Features of Augmented Reality
- Possibilities of innovative application of Augmented Reality in Manufacturing Industry
- Industry Case Studies for AR
- Role of AR and VR in Industry 4.0

KEY TAKE AWAYS

After undergoing the programme, the participants will be able to –

- Understand global evolution of Industry 4.0 / Smart Manufacturing
- Figure out where they could apply AR and VR in their context
- Lay down their customization requirements
- Figure out the supportive Data , sources and how those could be linked to AR/VR
- Estimate the benefits of AR/VR with Industry 4.0

FEE PER PARTICIPANT (PER LOGIN)

Rs. 2500/-
+18% GST
IMTMA Members/ Micro Companies/ Individuals/ Educational Institutions / Students/ IMTMA Non Members/ Others

USD 75/-
Overseas Participants

Group Concession : 20% for 3 to 5 and 30% for 6 and more delegates being nominated from the same company

FACULTY

This programme will be conducted by Industry experts from Bosch, ZiniosEdge and IMTMA

Mr. Avinash Khare, is presently working as a Consultant Head for IMTMA Pune Technology Centre for last 5 years; he has been designing, developing content and delivering wide range of Training Courses as a Faculty. He is Electrical Engineer by Qualification and he has worked for over 33 years at Tata Motors Pune in various capacities ranging from R&D in Industrial Electronics, Machine Maintenance, Technology Procurement, Head of Machine Shops, Tool Room Shop Head, Head of Die Design and Champion in Business Excellence. He has taught Instrumentation and Bio Medical Instrumentation at Pune University as part time faculty.

Mr. Rajesh, CEO, ZiniosEdge, comes with a Masters in Business Management, Degree in Mechanical Engineering and 26 years of experience in Sales, Business Development, Consulting, Vendor Management, Human Resources, Business Operations and Administration. Rajesh is a member of the Executive Council of Indo Japan Chamber of Commerce and Industries – Karnataka (IJCCK) and served as Member of Committee of Administration in Electronics and Computer Software Export Promotion Council (ESC) during 2010-13.

Mr. Vamsidhar Sunkari, Sr. Solutions Architect, Bosch **Augmented Reality Platform and Solutions.** His current role is to conceptualize and Architect Augmented Reality Solutions for multiple domains (Automotive, Industry 4.0, Consumer Electronics, BIM, etc...). He has about 17 years' experience in R&D and about 10 years' experience in Deploying Commercial Projects using Visual Computing Technologies (AR/VR, Computer Vision, Deep learning, Gesture Recognition). He has Masters from IIT Bombay and filed 10+ patents in the area of Augmented Reality and Computer Vision.

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REGISTRATION : Prior registration with an online advance payment is must. Number of participants is limited and will be accepted on 'First Come First Serve' basis. A Certificate of participation will be issued to participants.