

SMART MANUFACTURING WORKSHOP

CONDUCTED BY INDUSTRY
ACADEMIA CONSORTIUM FOR
SMART MANUFACTURING
(INDAC-SM)

webpage link <http://indacsm.iiti.ac.in/>

UNDER

INDUSTRY ACADEMIA PARTNERSHIP
PROGRAM (IAPP) OF ROYAL ACADEMY
OF ENGINEERING (RAE), LONDON

DATE: FEBRUARY 26 AND 27,
2021,
11 AM ONWARDS

MODE: DIGITALLY ONLINE
THROUGH MS TEAMS



Jointly Funded by



Royal Academy
of Engineering

Agenda Day 1

11 am onwards

About IndAC-SM and its goals
and activities

Dr. Bhupesh K Lad,
IIT Indore, (10 min)



IndAC-SM view of Industry 4.0

Prof. Makarand Kulkarni,
IIT Bombay (40 min)



Manufacturing Analytics-
Promises and Challenges

Mr. Aniruddh Kadkol,
Mahindra & Mahindra (40 min)



Demonstration of traceability solution
(TraceExpert) developed and
implemented by IndAC-SM for SMEs

Dr. Bhupesh K Lad, IIT Indore and
team (40 Min)

M2M communication using agent
platform

Prof. Makarand S Kulkarni,
IIT Bombay (40 Min)

A case study of Digital Twin
development

John Deere, Pune + IIT Indore
(40 Min)

Digitization at shoestring

Dr. Lavindra de Silva,
University of Cambridge
(40 Min)



UNIVERSITY OF
CAMBRIDGE

Media Partner



www.promfgmedia.com

Agenda Day 2

10:50 am onwards

Overview of day 1 and plan for day 2

Dr. Bhupesh K Lad, IIT Indore

Digital Twin for Digital Transformation

Dr. Vinay Jammu,
GE Digital (40 mins)

Demonstration on a tool enabling shop floor simulation as a service-SimuliWare

Dr. Bhupesh K Lad, IIT Indore and Team(40 min)

Case study and demonstration of tool for image/video analytics for manufacturing

Dr. Bhupesh K Lad, IIT Indore and Team (40 Min)

Gear box prognostics test rig and AI&ML application

Prof. Hemant Marmat,
Acropolis Institute of Technology & Research, Indore and team (40 Min)



A VR based virtual training tool (Go ViRtual) for smart manufacturing

Mr. Romit Patil,
Techwarium India Pvt. Ltd (40 Min)

Techwarium
Converging Technology and Life

Industry presentation

Mr Venkatesh Balasubramanian,
SMC (40 min)



Service performance prediction for better service management

Prof. Prashant Ambad & Prof. Pankaj Zine, MIT, Aurangabad (30 min)



SMART MANUFACTURING WORKSHOP

26th and 27th February 2021



Who Should Attend:

Industry professionals involved in smart manufacturing related activities in their factory, preferably middle and higher management

Faculty members interested in smart manufacturing research and development

How to attend:

No registration fees.

Interested participants are required to send email to indacsm@iiti.ac.in with his/her affiliation and 4-5 lines about his interest/involvement in the area of smart manufacturing/Industry 4.0.

Our team will revert you with meeting link. Please add “indacsm@iiti.ac.in” in your mailing link so that the email does not go to junk/spam folder.

For any query please contact us at:
indacsm@iiti.ac.in

Media Partner



www.promfgmedia.com