



Ministry of Heavy Industries

Government of India

Udyog Bhawan, Rafi Marg, New Delhi, India



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E- hackathon by KITE under AKAM closing on 30th November 2021



For all Artificial Intelligence & Machine Learning Enthusiasts

Join us at **PALS** E-Hackathon

TWO CHALLENGES - TWO WINNING TEAMS

Website: <https://kite.iitm.ac.in/>



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Webinar on Quality, Standards and Accreditation for Indian Capital Goods Sector under AKAM by EEPC on Nov 25, 2021



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Government of India



EEPCINDIA
ENGINEERING THE FUTURE



Webinar on Quality, Standards & Accreditation for the Indian Capital Goods Sector

25th November, 2021

03:00 pm onwards



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Manufacturing support & technology upgradation programme for machine tool sector on Nov 19, 2021.



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EEPCINDIA
ENGINEERING THE FUTURE

**MANUFACTURING SUPPORT & TECHNOLOGY
UPGRADATION PROGRAMME FOR MACHINE
TOOLS SECTOR**

19 NOVEMBER 2021 || 2.30 P.M. – 4.00 P.M.



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Webinar series on Advanced Design and Manufacturing by CPDM, IISc under AKAM on Nov 25, 2021

CPDM CEFC
Webinar Series on



Advanced Design and Manufacturing



Centre for Product Design and Manufacturing

Register at : <https://bit.ly/2EeNkCW>
25th November, 2021 | Time: 15:30-17:00



Indian Institute of Science
Bangalore

Azaadi ka Amruth Mahotsav
A Celebration to commemorate completion of 75 years of India's Independence

Digitisation of Skill-Intensive Manufacturing Processes



Prof. Ashutosh Tiwari
Department of Automatic Control and Systems Engineering (ACSE)
The University of Sheffield

Abstract:
This talk will focus on the development and application of novel digitisation techniques for smart industrial systems. The simultaneous tracking of human actions and the effect of those actions on the workpiece(s) during a manual task and the digitisation of this real-time knowledge will be demonstrated in this talk using a gaming interface technology. The main steps in this research are the spatio-temporal segmentation of the captured continuous digital data into human and workpiece states and the subsequent human-workpiece state interaction modelling. These steps enable deeper investigation of manual tasks, paving the way for in-process monitoring and intelligent automation support for skill-intensive manual manufacturing tasks.

Bio :
Professor Ashutosh Tiwari (CEng FIMechE FIET) holds the prestigious RAEng/ Airbus Research Chair in Digital Manufacturing at the University of Sheffield. Internationally renowned for research in digital manufacturing, he is Deputy Director of £20mn EPSRC Future Electrical Machines Manufacturing Hub, in the Executive Committee of £7mn Made Smarter Research Centre for Connected Factories, and serves on the EPSRC Strategic Advisory Team (SAT) for Manufacturing. With over 20 years of experience, he has a track record of leading cross-TRL projects worth over £15mn, produced 343 publications (155 journal and 133 conference papers), graduated 36 PhDs, and was awarded an EPSRC HVM Catapult Fellowship.

Facilitated by   CPDMED