One Day Workshop on Smart Manufacturing

December 3, 2016

Organized by

Indian Institute of Information Technology, Design and Manufacturing, (IIITDM) Kancheepuram, Chennai.

Industry 4.0
Cyber Physical System
Internet of Things

Cloud Computing
Big Data
Systems Integration

Smart Manufacturing

CO_2

Digital Manufacturing
Additive Manufacturing
Advanced Robotics

Sustainable Manufacturing
Advanced Simulation
Augmented Reality

IIITD&M Kancheepuram

Workshop Date
December 3rd, 2016

Registration Deadline
November 19, 2016

Venue
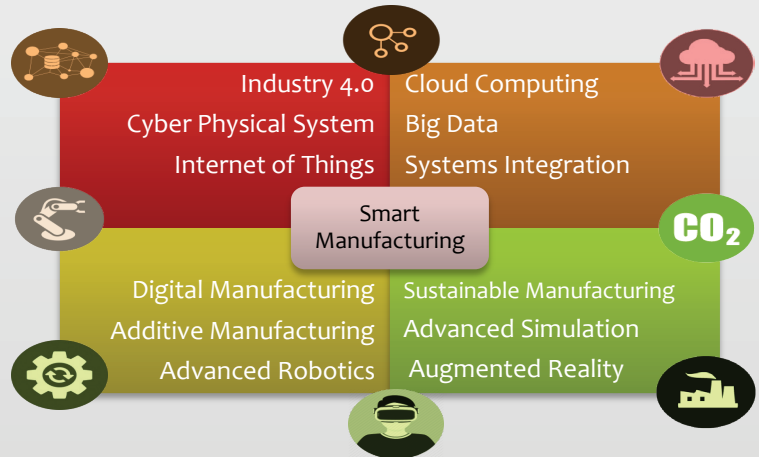IIITDM Kancheepuram,
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Registration Fee
INR 3000/USD 70
(on or before 19 Nov 2016)

Spot Registration
(Subject to availability)
INR 4000 / USD 100

IIITDM Kancheepuram, the Institution of National Importance established by Govt. of India, offers Design and Manufacturing centric academic and research programs since 2007. In 2016, the Institute introduced B Tech Smart Manufacturing Program, first of its kind in the world.

With Smart Manufacturing or Industry 4.0, or Industrial Internet of Things, manufacturers are moving towards a new level of interconnected and intelligent manufacturing system which incorporates the latest advances in manufacturing science, information science and data science and automation tools. The greater digital interconnectedness between various parts of the supply and production chains, as well as the higher reliance on automation in these smart factories, is going to make manufacturing ultra-efficient, ultra-sophisticated, and ultra-productive.

The workshop will begin with an opening plenary lecture on introduction to Smart Manufacturing/Industry 4.0. Following that, resource persons from reputed academia and industry will deliver interactive talks on areas relevant to smart manufacturing such as big data analytics, machine to machine communications, advanced robotics, and Industrial Internet of Thing (IIOT) and more. The final session of this workshop will brainstorm on how to get involved, and contribute to advancing the smart manufacturing.

The objective of this workshop is to highlight the opportunities smart manufacturing brings to manufacturers in terms of improvements in efficiency and sustainability. The lectures and interactive sessions are planned in such a way to provide participant with latest know-how on industry 4.0 and what it takes to implement it for a SME manufacturer. The potential benefit of attending this workshop are realized through acquiring knowledge on the values that Industry 4.0 brings to manufacturing industries.

Who should attend?
- SME Manufacturers
- IT Managers
- Consulting Engineers and Managers
- Academic Researchers
- Research students from universities

For more details and registration information, visit the website
http://www.iiitdm.ac.in/smworkshop/

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