

Implementing Supply Chain 4.0

Two-day Training Program

Bengaluru, India | January 15-16, 2019

PROGRAM BRIEF

Digital transformation is upon us and supply chain executives are seeking to leverage the possibilities of emerging technology breakthroughs such as robotics, supply chain analytics, artificial intelligence, the Internet of Things, smart warehousing, drones, and autonomous logistics. The supply chain today is a series of siloed steps taken through marketing, product development, manufacturing, and distribution. Digitization can integrate those siloed steps, promote new coordination and communication mechanisms within and across companies, and drive business performance to greater levels. QLeap Academy has partnered with Fraunhofer IWU, Germany to conduct a two-day training program on Supply Chain 4.0. The program aims to prepare supply chain practitioners for the challenges and opportunities for Supply Chains in the Digital transformation. The program will combine case studies, practical experience, and state-of-the-art theory on supply chain management in the fourth Industrial Revolution.

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WHAT YOU WILL LEARN

- Understand the principles of the fourth industrial revolution known as Industry 4.0
- Analyse the challenges and opportunities for Supply Chains in the fourth industrial revolution
- Discuss emerging technology breakthroughs and their impact on Supply Chains
- Identify the key supply chain “smart” capabilities to compete
- Design strategic, tactical and operational approaches to Digital Supply Chain Management
- Optimise your agile supply chain methods to increase resilience
- Discuss the implementation of these approaches for the planning, sourcing, making and delivering related activities
- Gain insight into global megatrends and their impact on supply chains

WHO IT IS FOR

- CXOs
- Presidents and Vice Presidents
- Heads of Operations, Sales & Marketing
- Chief Technologists and Innovation Leaders
- Corporate Planners and Strategists
- Heads of New Venture Development
- Other senior managers with leadership responsibility

PROGRAM INFORMATION

Program Date:

January 15 & 16, 2019

Location:

Bengaluru, KA, India

Contact:

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FACULTY



Dr. Donato Masi



Dr. Donato Masi is Senior Lecturer in Operations and Supply Chain Management at Aston University in Birmingham, UK. He holds a PhD degree in Management Engineering and an MSc in Mechanical Engineering from Politecnico di Milano, Italy. He is a specialist in Sustainable Operations and Supply Chain Management and has published several scientific papers in the top ranked international journals for this area. He actively collaborates with the industry through private and public funded research projects. He is currently focusing on how digitalisation and the emerging Industry 4.0 approach can enhance the sustainability of operations and supply chains.



Prof. Dr.-Ing. Steffen Ihlenfeldt



Prof. Dr.-Ing. Steffen Ihlenfeldt studied at the TU Braunschweig and has held various positions at the Fraunhofer Institute for Machine Tools and Forming Technology IWU since 1997. He received his doctorate in 2012 from the Technical University of Chemnitz on the subject of redundant machine tool structures. Since 2015, Prof. Dr.-Ing. Steffen Ihlenfeldt has held the chair professorship for Machine Tool Development and Adaptive Controls at the TU Dresden. In addition to his work at the TU Dresden, he is currently head of department for cyber-physical production systems at the Fraunhofer IWU.



Rajesh Shankar Priya



Rajesh Shankar Priya is a Senior Scientist at the Department of Technical Cybernetics at Fraunhofer IWU. He has studied in UK, Germany and Russia. He has over 15 years of experience in Systems Engineering mainly in Aerospace and Mechatronic systems. He was the Head of Technology Management at Fraunhofer IMW and was responsible for key technology transfer with Asian companies. He has recently submitted his Engineering Doctorate Thesis in Value Chain at one of the top 50 universities in the world. He has project management experience in working with over 25 countries across all the continents.

FACILITATORS & INDIA EXPERTS



Dr. Aravind Chinchure



Dr. Aravind Chinchure, CEO of QLeap Academy, is a renowned academician, a corporate strategist and an innovation leader. As an innovation coach and advisor, he has created and driven programs to boost innovation, leadership and growth at both Indian and multinational companies. He has been teaching Global Megatrends and its impact on businesses in universities in India. He holds a PhD in Physics and has experience of working in diverse technology areas.



Rajiv Prakash



Rajiv Prakash is Founder of NextIn Advisory - focused on growth of technology entrepreneurs. He is a member of the core team of QLeap Academy. He has over fifteen years of internet business and eCommerce experience at Future Group, Cisco, Andersen and KPMG. He formerly led Future Group's eCommerce businesses including Futurebazaar's turnaround. He co-founded a retail technology and services venture, Future Knowledge Services, in association with Future Group.

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ABOUT THE INSTITUTIONS



Fraunhofer is Europe's largest application-oriented research organization having 72 institutes located throughout Germany with an annual research budget of 2.3 billion euros. Fraunhofer is known for shaping technology and designing products that significantly impact lives of people. Fraunhofer Institute of Machine Tools and Forming Technology is a leading institute within Fraunhofer for resource-efficient and intelligent production system for the automotive and mechanical engineering sectors.

www.fraunhofer.de/en.html | www.iwt.fraunhofer.de/en.html



The Technical University Dresden (TUD) is one of the largest and leading Technical Universities in Germany. It is one of eleven German universities which succeeded in earning the title of a "University of Excellence". The university has 18 faculties in 5 schools offering courses in 122 disciplines. There are 33,500 students enrolled at TUD with about one-eighth's of its students come from abroad.

<https://tu-dresden.de>



QLeap Academy is established in partnership with Indian and global universities. The academy aims to educate and empower individuals and organizations with 21st century skills and competencies to achieve quantum growth. The academy offers various executive courses in the areas of innovation, entrepreneurship & advanced manufacturing.

www.qleap.in



Picture: TU Dresden, Germany



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**Creating 21st Century
Professionals & Leaders**