

**PLMSS 2019 Workshop Schedule - Venue: Hotel Taj M G Road
16 Dec 2019**

Registration 09:00 - 09:45 hrs				
Coffee and Icebreaker 09.45 - 10.15 AM				
Introduction of PLMSS 2019 10.15 - 10.30 AM				
Time Slot	Topic	Speaker	Designation	Organization
10.30 – 11.30 AM	<i>Overview of Industry 4.0 and its Key Technologies</i>	Professor Amaresh Chakrabarti	Chairman	Centre for Product Design and Manufacturing, IISc, Bengaluru.
11:30 – 12:30 PM	<i>Cyber Physical System</i>	Prof. L.M. Patnaik	Honorary Professor INSA Senior Scientist and Adjunct Professor	Department of Electronic Systems Engineering, IISc, Bangalore. National Institute of Advanced Studies, Bengaluru.
12:30 – 13:30 PM	Lunch			
13:30 – 14:30 PM	<i>Digital Manufacturing</i>	Prof. B. Gurumoorthy	Professor Chief Executive	Centre for Product Design and Manufacturing, IISc, Bengaluru. SID, IISc, Bengaluru.
14:30 – 15:30 PM	<i>Computational Ergonomics</i>	Prof. Dibakar Sen	Professor	Centre for Product Design and Manufacturing, IISc, Bengaluru.
15:30 – 16:00 PM	Tea/Coffee Break			
16:00 – 17:00 PM	<i>Virtual Reality, Augmented Reality, Mixed Reality</i>	Dr. Pradipta Biswas	Assistant Professor Affiliated faculty	Centre for Product Design and Manufacturing, IISc, Bengaluru. Robert Bosch Centre for Cyber Physical Systems of IISc, Bengaluru.
17:00 – 18:00 PM	<i>Additive Manufacturing</i>	Dr. Dheepa Srinivasan	Chief Technology Officer Adjunct faculty Visiting faculty Research Professor	INTECH, DMLS, India's first and largest service provider of metal 3D printing. The Indian Institute of Technology, Ropar. Vellore Institute of Technology, Vellore. Vel Tech University, Chennai.

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10.00 - 10.30 AM Coffee				
Time Slot	Topic	Speaker	Designation	Organization
10.30 – 11.30 AM	<i>Robotics and Autonomous Systems</i>	Dr. Abhra Roy Chowdhury	Assistant Professor	Centre for Product Design and Manufacturing, IISc, Bengaluru.
11.30 – 12.30 PM	<i>Artificial Intelligence</i>	Dr. V. Susheela Devi	Principle Scientific Advisor	Department of Computer Science and Automation, IISc, Bengaluru.
12:30 – 13:30 PM	Lunch			
13:30 – 14:30 PM	<i>Data Analytics</i>	Dr. Ashish Joglekar	Member of Technical Staff	Robert Bosch Centre for Cyber-Physical Systems, IISc, Bengaluru.
14:30 – 15:30 PM	<i>IoT and Communication Protocols</i>	Prof. TV Prabhakar	Principal Research Scientist	Department of Electronic Systems Engineering, IISc, Bengaluru.
15:30 – 16:00 PM	Tea/Coffee Break			
16:00 – 17:00 PM	<i>Block Chain</i>	Dr. Praphul Chandra	Founder & Chief Scientist of Cryptoeconomics. Platform Architecture Professor	Koinearth Insofe, Bengaluru.
17:00 – 18:00 PM	<i>Sensors and Mechatronics</i>	Dr. Manish Arora	Assistant Professor	Centre for Product Design and Manufacturing, IISc, Bengaluru.