	19th International Conference on Hybrid Intelligent Systems **(HIS 2019)** Bhopal, India, December 10-12, 2019 http://www.mirlabs.org/his2019/
Title of Session	**Smart and Sustainable Manufacturing for Industry 4.0**
Objectives and scope	Keeping in mind of environmental impacts and its effect in recent years, several new policies and International regulations has been implemented across the globe. With the consideration of these changes the recent manufacturing approaches need to change its current trend from traditional manufacturing into smart and sustainable manufacturing practices. Subsequently, the ever rapid increase in information and communication technology make the way to establish several tools, techniques, and methods by which the systems performance can be enhanced. Integrated approach to attain the mentioned above is a challenging task. This the special session intends to present and discuss recent developments and applications for supporting the Smart and Sustainable practices in the context of production and manufacturing systems. Moreover, the special session will be a good opportunity to exchange experiences about the implementation of smart practices and sustainable growth as a holistic view.
Topics of **Interest**	The topics of interest for this special session include, but are not limited to: • Centralized and Distributed Manufacturing Systems • Sustainable Manufacturing and Production Systems • Smart practices in Manufacturing and Production Systems • Optimization and Simulation approaches • Web-based Decision Support Systems • Artificial Intelligence, machine learning techniques in Smart and Sustainable Systems • Soft Modelling in Production Engineering • Intelligent search techniques • Rough Sets Theory • Knowledge & Learning Technologies • Applications of Methods and Decision Support Systems in Production Engineering • Block Chain Technique for Distributed Manufacturing and Production Systems
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