



Department of Scientific and
Industrial Research
Ministry of Science & Technology
Govt of India



Workshop on Low-Cost High-tech Automation for MSMEs

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Quality and cost are two critical parameters for MSMEs involved in the manufacturing sector. Low-Cost automation (LCA) is one of the major strategies to take care of these two sensitive parameters in MSME industries. Integrating microelectronics/ microchips with the LCA (coined as Low-Cost High-tech Automation - LCHA) around the existing equipment provides significant competitive advantages for MSMEs. It can be implemented with available yet simple technologies, easy to maintain and upgrade as per market dynamics. The deployment of LCHA reduces human intervention, improves product quality and minimizes product cost. However, there is a need to upskill the human resources in MSMEs. The proposed workshop is an initiative to share some of the developed LCHA techniques for MSMEs and its implementation tools to prepare MSME for more competitive markets. The workshop is already repeated for more than 50 times at IIT Bombay for number of industries.

The workshop will discuss

1. Systematic approach to Low-Cost High-tech Automation
2. Improve sophistication in manufacturing
3. Case studies from various type of industries

Team for the workshop



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