



**Knowledge Network of
Indian Institute of Technology, Gandhinagar
Under TEQIP-II Initiative (MHRD, Govt. of Gujarat)**

Workshop on Low Cost Hi –Tech Automation

Date: 25/09/2014 to 27/09/2014 (3-days)
Time: 9:00 am reporting time on 25th September 2014
Venue: L-block, IIT Gandhinagar
Target group: Faculty Members/Engineers from Industry
Register At: www.iitgn.ac.in/kn
Dead line: 20th September 2014

Major challenge for a Modern Manufacturing Organization is delivery of products of high quality with minimum cost & delivery time. Due to severe competition heavy investment may be risky. One of the very practical, safe, Economical & rewarding strategies is the application of Low Cost Automation. With the cost of electronic devices & controllers being compact, efficient & cost-effective it has been possible to have low cost high-tech automation.

Low Cost Automation is a technology & strategy to create appropriate degree of automation around existing equipment, tools methods and people- using mostly standard components readily available in the market. The system can be upgraded step-by-step closely watching the market trends. For a vast country with a large size of productive young people (like India), this method of enhancing manual productivity rather than large-scale replacement becomes very necessary.

This three-day program provides a systematic approach to develop the appropriate technologies. Lot of illustrative examples, case studies & hands-on will be used to develop skills fast.
