

Event report

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Date : 15/4/17
Speaker : Ajay Gopalswamy, DiFacto Pvt. Ltd.
Venue : Chancery Hotel, Levelle Road, Bangalore

Robotics proliferates beyond Automotive

Mr. Ajay Gopalswamy, CEO and Director of DiFacto Robotics and Automation Pvt. Ltd. delivered a comprehensive and informative audio-visual presentation of the scope and implementation of Robotics in many industries apart from their well-known usage in automotive assembly lines. The audience at The Chancery, Lavelle Road consisted of persons from manufacturing companies, OEMs, Automation professionals and students. A multitude of examples of usage of robots in manufacturing environments for Solar cells, Pharmaceuticals, various FMCG, aerospace and some more were part of the talk.

We could get a glimpse of the highly superior performance and benefits to business of the robotic or mechatronic approach (which is defined as "a synergistic integration of mechanics, electronics, control theory, and computer science within product design and manufacturing, in order to improve and/or optimize its functionality").

Ajay showed how even fairly skilled actions of human labour , wherever repetitively needed in a manufacturing process , can now be managed using robots apart from anyway already using them for actions which a human cannot do like manipulating heavy objects and operating in hazardous environments.

He emphasised that there is a huge scope in India for industries , service providers and for job-seekers in this field. He gave the example of China which has become a manufacturing powerhouse in part due to a rapid increase in usage of robots .It should be noted , he mentioned , that two decades ago China and India were at par in usage of robots.

It was a very interactive session and the audience peppered the experienced speaker with many queries, some being, how can robots be made cheaper; does India only import this technology; what are the engineering disciplines which need to collaborate for providing a robotic solution ; what will be the impact on jobs ; how does it differ from CNC machine based manufacturing ; is the application software of different vendors based on a single standard.

Overall a memorable evening , thanks to Mr. Ajay Gopalswamy, which contributed to ISA Bangalore's aim , via such Tech Talks, to broaden the perspectives of its members and guests and provide a platform to network and trigger fresh initiatives and solutions.





