

British Deputy High Commissioner launches Renishaw's products at IMTEX 2017

Renishaw, a world leader in precision engineering technologies, has revealed a range of new metrology and additive manufacturing equipment at IMTEX 2017, which is taking place at the Bangalore International Exhibition Centre from 26th January to 1st February. The new products were announced in a speech made yesterday at the company's exhibition stand by Dominic McAllister, the British Deputy High Commissioner, Bengaluru. In his speech, McAllister praised Renishaw's long term commitment to India. He said: "Renishaw has been trading in India since 1983 and it employs 350 highly skilled people across the country, including a wholly owned subsidiary here in Bangalore and a large facility in Pune. Many of its employees in India directly contribute to the R&D



and manufacture of its exciting measurement and metal 3D printing technologies which are being demonstrated at IMTEX."

The new products announced by Mr McAllister are designed to meet the requirements of the advanced manufacturing sector in India; from the need to produce parts with increasing complexity and tighter tolerances, to the drive to reduce costs, to increase speed of operation

and the requirement to improve the ease-of-use for new technology.

In June 2016 Renishaw opened an Additive Manufacturing Solutions Centre at its Pune site, which aims to increase the adoption of metal 3D printing technologies by Indian manufacturers. At IMTEX the company introduced the RenAM 500M additive manufacturing system, which the Deputy High Commissioner said "has been fully

designed to be used for serialised production of complex metal components directly from CAD using metal powder fusion technology."

As demands on component tolerances increase, manufacturers are now required to consider all error sources from the machines producing parts; angular errors as well as linear and straightness errors. Therefore at IMTEX, the Deputy High Commissioner also announced Renishaw's new XM-60 multi-axis calibrator which is capable of measuring all six degrees of freedom from a single set-up, in any orientation for linear axes. The Deputy High Commissioner also announced the India launch of Renishaw's new vision measurement probe (RVP) for use with the REVO-2 5-axis measurement system on co-ordinate measuring machines.

IMTMA organizes second symposium on Smart Manufacturing

Indian Machine Tool Manufacturers' Association (IMTMA) is organizing the 2nd edition of 'Symposium on Smart Manufacturing on 24-25 February 2017 in BIEC Conference Centre, Bangalore. This symposium is a combination of technical presentations, case studies by users, interactive sessions, panel discussion and brain storming with industry experts.

The theme of the symposium is "Evolving the Factory of the Future". Industry experts from renowned companies viz. ABB Global, Robert Bosch Engg., Beumer India, Schunk Intec, Universal Robots, Festo, AMIT, IFM Electronics, TAL Mngf., Toyota Kirloskar Auto

Parts, Roland Berger, Ernst & Young amongst others will address various facets for successful adoption of Smart Manufacturing.

'Automation Buzz', a concurrent exhibition displaying a wide range of automation devices and systems, software and a host of automation solutions will be displayed simultaneously in BIEC.

Sharing his views on the symposium IMTMA President P.G. Jadeja expresses that "Smart Manufacturing is an emerging industrial revolution which will integrate human intelligence with data and technology to effectively manage complex business requirements. The symposium will

address and understand the real-time application and benefits of Smart Manufacturing in the Indian context"

The presentations will cover topics such as Overview of Smart Manufacturing in the Indian context, Manufacturing Plant Integration as a 1st step to Industry 4.0, IIoT of Robots, Smart & Cost Effective Automation, Big Data Analytics, Data Collection, Connected Factory, Pneumatics on the Network, Intelligent Clamping & Gripping - Industry 4.0 ready, Collaborative Robots, IO-link technology as a first step towards smart manufacturing, Smart Logistics, amongst others

The panel discussions will address various aspects of Industry 4.0 relevant to Indian context at the organizational level, infrastructure considerations, skills sets required, cost implications, etc., and draw up a roadmap for successful adoption of Smart Manufacturing.

Symposium will be attended by CEOs, top management executives, senior executives, practicing engineers, industry consultants and R&D specialists from manufacturing industries such as automotive, auto components, consumer durables, machine tools, tool rooms, aerospace, defence and railway units, general engineering and other discrete manufacturing industries.