

SMART MANUFACTURING IN INDIA

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ABSTRACT

India and manufacturing are interconnected from a long time. Although when it comes to INFORMATION TECHNOLOGY, we need to pull our sleeves up. SMART MANUFACTURING or we can say that IT imbued MANUFACTURING can play a major role in deciding our future. Smart manufacturing is defined as the production of goods/services with the aid of information technology and science. It involves IT in each and every stage of production- be it manufacturing, quality control, supply and demand management, distribution, sales and marketing. With the involvement of Information Technology, production becomes not just efficient in terms of time but also in quality and effectiveness. This amalgamation makes the whole process very agile because of the technology involved and the human involvement takes care of the acumen and judgement. Various other activities involved in manufacturing also benefits from the addition of IT such as sequencing, scheduling, reliability, planning and forecasting.

KEYWORDS *Information Technology and Smart Manufacturing*

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