



RSB GROUP

Nishit Behera, Executive Director

Cognitive systems and real-time analysis offer valuable insights to improve reliability and quality of output while supporting manufacturers to introduce value-added services to customers.

In today's business scenario, improve and change one's business model continually through innovative approach is important. To have a competitive edge, automation has to be built into the business model. Cloud computing has connected designers to factory employees through sensor networks; communication technologies and software interact autonomously besides facilities connected in real time to suppliers and customers.

The revamped business models in the changed business scenario will have to move faster to adopt Industry 4.0 lest they be derailed. This will entail investment in smart technologies through balanced fiscal play of internal accruals and external funding vis-à-vis revenues and collaborating in acquisition of know-how, re-engineering and re-inventing. Besides, there is the challenge of on-time delivery with right quantity and un-

compromising quality.

Human capital will be a strong focus as it is going to be an era of human digital capital with trained digital workers meeting 4.0 standards and robots taking over routine human functions.

Cognitive systems and real-time analysis offer valuable insights to improve reliability and quality of output while supporting manufacturers to introduce value-added services to customers. IIoT/AI concepts create automated and seamless transactions in their productive process by deploying sensors, initiate communication with multiple devices and implant analytics solution to derive actionable insights. There will be continual high end service and enduring product quality with innovative changes at planned intervals meeting customer taste and needs, where customers at large will stand immensely benefitted.

STEEL AUTHORITY OF INDIA

Anil Kumar Chaudhary, Chairman

SAIL achieved nearly 5% growth in iron-ore production in the 2019 calendar year. The eight iron-ore mines of SAIL located in the eastern region produced 43.67 million tonne of the key raw material in 2019. SAIL produced 16.3 million tonnes of crude steel in the current financial year.

Recently, L&T's Metallurgical & Material Handling (MMH) business and Mitsubishi Corporation announced the commissioning of a hot strip mill for SAIL in Rourkela.

The mill will roll out carbon structural steel, high carbon steel, LPG cylinder steel, low alloy steel, auto-grade steel among others to cater to high-end market segments. The mill will have 3 million tonne per annum capacity and this plant will be built with the technology

from Primetals Technologies and Hitachi Japan.

The mill will roll out different kinds of steel which are used in sectors like power transmission, amongst others. The mill will be one of the largest of its kind in India and will produce coils with thickness between 1.2 to 25.4 mm, width between 725 to 2150 mm and coil weight of up to 35 tonnes.

In the calendar year 2019, the Energy Management Department (EMD) of SAIL, Rourkela Steel Plant (RSP) registered remarkable performance on different aspects. The department was able to accomplish many milestones on account of ISO Certification and improvements in techno-economic parameters with regard to energy consumption in the plant.



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