

CII Manufacturing Excellence Week 2021

Building Indian Manufacturing to be Globally Competitive -through Innovation and Technology

6-9 July 2021,

Confederation of Indian Industries – CII has organized CII Manufacturing Excellence Week 2021 on the theme **‘Building Indian Manufacturing to be Globally Competitive -through Innovation and Technology’**. More than 300 delegates from industry and academia participated in this event.

Dr Jitendra K. Das, Director, FORE School of Management, Delhi has been the moderator of the Session-I on **‘RPA, AI and Machine learning: Implement the right technologies and automation opportunities for reducing costs and improving productivity’**.

Dr Das, who did his B.Tech & M.Tech from IIT Delhi and has been with manufacturing industries like Shriram Chemical and Wipro Infotech before joining IIMs as a faculty, chaired the session and deliberated the way forward towards adaptation and implementation of Robotics Process Automation (RPA), Artificial Information (AI) and Machine Learning (ML).

Dr Das stressed upon the criticality of the implementation of the right technology and automation opportunity to reduce cost and improve productivity. He said with the national target of achieving the 5 trillion-dollar economy the total contribution of the manufacturing sector in GDP must cross 1 trillion dollars. Which also means that the entire consumption cannot happen in India, manufactured goods have to be exported. And the only way to be competitive in the international market India has to focus on enhancing production and reducing production cost. And for that to happen the only way forward is to adopt technologies. Since the entire consumption cannot happen in India to achieve that target, export has to happen. We need to be internationally competitive and so the cost of production goes down and capacity of production must go up.



Dr Jitendra Das, speaking in the Event

Further, **Dr Das** said that the way we do business, the way we interact with people & offices, the way we transact and negotiate will all change drastically as Artificial Intelligence is moving in a new direction. A lot of intelligent inputs will be introduced in the discussion held between two individuals or parties, with GPT 3 coming in, the way we interact with people at offices, the way we transact and negotiate, will all change drastically as AI makes an entry. GPT or Generative Pre-Trained Transformer is a machine learning software, where the system is trained to do the prediction and provide insights.

• **Dr Jitendra K. Das** was accompanied by the following prominent panelists during the session:

- **Mr Govind Singh**, Executive Director & Group CIO Dalmia Bharat Limited.
- **Mr Jagdish Ramaswamy**, President & Chief Digital Officer Hindalco Industries Limited Aditya Birla Group.
- **Mr Sivaganesh Vellingiri**, National Head Factory Automation Fanuc India.

After the Questions and Answers from audience, Dr Das has summarised and concluded the session.