

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY
LOK SABHA
UNSTARRED QUESTION NO. 4586
ANSWERED ON 23.03.2021

INDIAN PROGRAMME FOR INDUSTRY 4.0

4586. SHRI RAJVEER SINGH (RAJU BAAIYA):
SHRIMATI SANGEETA KUMARI SINGH DEO:
SHRI VINOD KUMAR SONKAR:
DR. JAYANTA KUMAR ROY:
DR. SUKANTA MAJUMDAR:
SHRI BHOLA SINGH:
SHRI NISITH PRAMANIK:
SHRI RAJA AMARESHWARA NAIK:

Will the Minister of HEAVY INDUSTRIES AND PUBLIC ENTERPRISES भारी उद्योग एवं लोक उद्यम मंत्री be pleased to state:

- (a) whether the Government has set the focus of Indian programme for Industry 4.0 to utilize the technology to make products for the global markets at competitive rates;
- (b) if so, the action taken by the Government thereon;
- (c) whether the Government has introduced Smart Advanced Manufacturing and Rapid Transformation Hub (SAMARTH) Udyog Bharat 4.0 in the country and if so, the details thereof;
- (d) whether the Government has set the target for Indian manufacturing industry to reach 25% of the total GDP by 2025 with the help of demonstration centres under the SAMARTH Udyog Bharat 4.0 and if so, the details thereof;
- (e) whether the Government has studied the models of Industry 4.0 implementation in Germany, France, China and USA with operational platforms for pre-competitive cooperation in Industry 4.0 to replace expensive manpower and attain lower cost of conversion: and
- (f) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR HEAVY INDUSTRIES & PUBLIC ENTERPRISES
(SHRI ARJUN RAM MEGHWAL)

(a) to (f): Under the Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector, the Department of Heavy Industry (DHI) has taken the lead to facilitate and create an eco-system for adopting Industry 4.0 and smart manufacturing by the Indian manufacturers through its initiative called SAMARTH (Smart & Advanced Manufacturing and Rapid Transformation Hub) Udyog.

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Four SAMARTH Udyog Centres have been set up at IIT Delhi, Indian Institute of Science (IISc), Bangalore, Central Manufacturing Technology Institute(CMTI), Bangalore and Kirloskar, Pune. The industry has partnered with these institutes under the SAMARTH Udyog initiative and the above centres have been jointly funded by the Department (80%) and the industry partners (20%).

Through these centres, Indian industry is being made aware through demonstration of the options available for adopting smart manufacturing, upgrading their legacy machines and adopting newer technologies and processes.

During the year 2019-20, this Department organized 24 awareness seminars for smart manufacturing/Industry 4.0 in association with CII, FICCI, EEPC and the SAMARTH Udyog Industry 4.0 centres across India, at industrial clusters. In the current financial year, these SAMARTH Udyog Centres are organizing 88 webinars/ training programmes besides providing diagnostic tools and assisting Industry to adopt smart manufacturing.
