

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES  
LOK SABHA  
STARRED QUESTION NO. 129  
ANSWERED ON 12.12.2023

**SAMARTH UDYOG BHARAT 4.0 SCHEME**

**\*129. SHRI BHOLA SINGH:  
DR. SUKANTA MAJUMDAR:**

Will the Minister of **HEAVY INDUSTRIES** भारी उद्योग मंत्री be pleased to state:

- (a) whether the Government is implementing Smart Advanced Manufacturing and Rapid Transformation Hub (SAMARTH) Udyog Bharat 4.0 scheme in the country and if so, the details thereof;
- (b) whether Phase II of SAMARTH Udyog Bharat 4.0 scheme has been launched recently and Center for Industry 4.0 Lab, Pune has been entrusted to establish 10 additional Industry 4.0 centers in the country and if so, the details thereof;
- (c) whether the Government has any data about the recent increase in technology adoption by heavy industries in the country due to this scheme;
- (d) if so, the details thereof including the progress made so far under the scheme; and
- (e) the other steps being taken by the Government for enhancement of competitiveness in Indian Capital Goods Sector?

**ANSWER  
THE MINISTER OF HEAVY INDUSTRIES  
(DR. MAHENDRA NATH PANDEY)**

**(a) to (e):** A statement is laid on the Table of the House.

\*\*\*\*\*

## STATEMENT

### **STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (E) OF LOK SABHA STARRED QUESTION NO. 129 FOR 12.12.2023 ASKED BY SHRI BHOLA SINGH AND DR. SUKANTA MAJUMDAR REGARDING “SAMARTH UDYOG BHARAT 4.0 SCHEME”**

(a): Ministry of Heavy Industries launched the Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector” in the year 2014. Under one of the component of the Scheme i.e. “Common Engineering Facility Centres”, MHI has set up 4 Smart Advanced Manufacturing and Rapid Transformation Hub (SAMARTH) Centres namely Centre for Industry 4.0 (C4i4) Lab Pune, IITD-AIA Foundation for Smart Manufacturing, IIT Delhi, I-4.0 India @ IISc, Bengaluru, Smart Manufacturing Demo & Development Cell, CMTI, Bengaluru.

(b): Under Phase II of the Scheme launched on 25<sup>th</sup> January, 2022, MHI has sanctioned two projects for augmentation of already established SAMARTH Centers in Phase I i.e., C4i4 Lab Pune and IISc, Bengaluru. C4i4 Lab Pune has been entrusted responsibility to establish 10 cluster Industry 4.0 experience Centers on hub and spoke model across India. An MoU has been signed on 30<sup>th</sup> March, 2023 with C4i4 Lab, Pune with total project cost of Rs.35 crores including Government grant of Rs. 28 crores and industry /academia contribution of Rs. 7 crores.

(c) & (d): The objective of SAMARTH Centres is to create awareness and advocacy of advance manufacturing technologies. Following are the details of initiatives taken by SAMARTH centers:

- i. C4i4 organised 85 events (seminars/ webinars/ awareness sessions/technology day);
- ii. C4i4 supported 45 factories in pilot projects/ consulting on Industry 4.0.
- iii. IIT, Delhi, offered 82 Summer internships during June-July, 2021; 61 Summer internship offered during June-July, 2022
- iv. A National Conference on Robotics on 3-4 July, 2023 at Bengaluru with technical support of CMTI and IISc, Bengaluru.
- v. A National Conference on Industry 4.0 was organised on 7<sup>th</sup> October, 2022 at Kevadia, Gujarat with technical support of C4i4 Lab, Pune.
- vi. More than 30000 professionals of 3500 companies visited SAMARTH experience centres.

(e): The Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector-Phase II” has been notified by MHI with financial outlay of Rs. 1207 crores, budgetary support of Rs.975 crore and minimum Industry Contribution of Rs.232 crores.

So far under various components of the Phase-II of the CG Scheme, 32 projects with total outlay of Rs. 1363.87 crores (due to higher financial contribution by industry) have been sanctioned. These 32 projects include 9 Centres of Excellence (CoEs), 5 Common Engineering Facility Centres (CEFCs), 7 Testing and certification centers, 8 Industry Accelerators for Technology development and 3 projects for Creation of Qualification Packs for skill level 6 and above.

-----