

GOVERNMENT OF INDIA
MINISTRY OF HEAVY INDUSTRIES
LOK SABHA
UNSTARRED QUESTION NO. 490
ANSWERED ON 06.02.2024

SAMARTH UDYOG BHARAT 4.0 INITIATIVE

490. SHRI JAYANT SINHA:

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

- (a) the key achievements of the SAMARTH Udyog Bharat 4.0 initiative;
- (b) the nature of assistance given to Micro, Small and Medium Enterprises (MSMEs) for the planning and implementation of Industry 4.0 projects;
- (c) the number of beneficiary MSMEs under the programme, industry-wise and State-wise;
- (d) the number of beneficiary MSMEs under the programme in Jharkhand, industry-wise and districtwise; and
- (e) whether any financial assistance has been given to MSMEs under the programme, and if so, the amount sanctioned and disbursed, State-wise, and district-wise in Jharkhand?

ANSWER
THE MINISTER OF STATE FOR HEAVY INDUSTRIES
(SHRI KRISHAN PAL GURJAR)

(a): Ministry of Heavy Industries under the Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector” has set up 4 Smart Advanced Manufacturing and Rapid Transformation Hub (SAMARTH) Centres namely:

- i. Centre for Industry 4.0 (C4i4) Lab, Pune;
- ii. IITD-AIA Foundation for Smart Manufacturing, IIT Delhi;
- iii. I-4.0 India @ IISc, Bengaluru; and
- iv. Smart Manufacturing Demo & Development Cell, CMTI, Bengaluru.

The key achievements of the SAMARTH Centres are as given below:

- i. Development of Industry 4.0 solutions enabled Model Factory by C4i4, Pune and a production based Smart factory by CMTI Bengaluru;
- ii. Over 50 use-cases of Industry 4.0 solutions were compiled for implementation support by C4i4, Pune;
- iii. Development of Industry 4.0 Maturity & Readiness assessment tool called Industry 4.0 Maturity Model (I4MM) specific for Indian manufacturing companies. Under this program, C4i4 has conducted assessment for over 200 factories till date;
- iv. C4i4 Lab, Pune launched ‘Free Online Assessment Tool’ for self- assessment purpose to help the MSMEs to understand their maturity level in their Industry 4.0 journey in order to accelerate the adoption of Industry 4.0.
- v. 6 Smart Technologies, 5 Smart Tools, 14 solutions developed by I-4.0 India @ IISc, Bengaluru;
- vi. IIT, Delhi, offered 82 Summer internships during June-July, 2021; 61 Summer internship offered during June-July, 2022

Contd...../-

vii. CMTI, Bengaluru trained about 5000 professionals on Smart Manufacturing & Industry 4.0.

(b): SAMARTH Centres have been providing assistance to the MSMEs to train the workforce and make them aware about Industry 4.0 technologies in the following ways:

- (i) Organizing Seminars/ Workshops and knowledge sharing events on Industry 4.0;
- (ii) Training industries to create awareness about Industry 4.0;
- (iii) Providing consultancy (in areas such as IOT Hardware, Software development, data analytics) and incubation support to start- ups including MSMEs.

(c)&(d): No such data is being collated at the Ministry level.

(e): No financial assistance is given to any industry for adopting Industry 4.0 enabled technologies under SAMARTH centre initiative of the Scheme.
