

102018/2020/CO-ORDINATION SECTION

अरुण गोयल, मा.प्र.से.

सचिव

ARUN GOEL, IAS
SECRETARY

सत्यमेव जयते

भारत सरकार
भारी उद्योग एवं लोक उद्यम मंत्रालय
भारी उद्योग विभाग
नई दिल्ली-110 011
GOVERNMENT OF INDIAMINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES
DEPARTMENT OF HEAVY INDUSTRY
NEW DELHI-110 011

D.O.No.10(1)/2020-Coord

Dated : 14th January, 2020

Dear Sir,

With reference to D.O. letter No.502/1/2/2014-CA-V dated August5, 2014 of Cabinet Secretary, the following significant activities in the Department of Heavy Industry (DHI) for the month of December, 2019 are highlighted:

1. Department of Heavy Industry hosted a session titled "Accelerating Towards Sustainable Transport in India" at the India Pavilion in COP-25, held in Madrid, Spain on 3rd December, 2019.

2. 2636 charging stations were sanctioned to 62 cities in 24 States/UTs, under FAME India Scheme Phase II.

3. Several projects were inaugurated during December, 2019. These projects have been funded under the Scheme for Enhancement of Competitiveness in the Capital Goods Section. The inaugurated projects include:

3.1. The Centre of Excellence (CoE) in welding technology at PSG College of Technology, Coimbatore: This CoE was inaugurated on 12.12.2019. The project cost of the CoE is Rs.26.70 crore, with DHI's contribution of Rs.21.10 crore. The CoE has developed three welding technologies, namely, Automated Welding Systems for specific industrial applications; Welding Power source with waveform shaping techniques, and Alloy design using Welding Simulation & Analysis for Development of New Welding Consumables. Through the above technologies, sectors such as Heavy Fabrications, General Engineering and Process Plant will be benefited.

3.2. The CoE for technology to manufacture Smart Submersible (6 inch) pumping solutions for Industrial and water supply applications: The CoE for smart pumps at Scientific and Industrial Testing and Research Centre (SI'TARC), Coimbatore was inaugurated on 12.12.2019. The project cost of the CoE is Rs.8.41 crore, with DHI's contribution of Rs.6.728 crore. Through the above technology, sectors such as Industrial Plants, Process Plants, Agricultural, Municipal & Civil water works will be benefited.

3.3. The CoE at Indian Institute of Science, Bangalore for Additive Manufacturing for High Performance Metallic Alloys: This CoE was inaugurated on 13.12.2019. This is for the first time that any type of additive machine will be designed and manufactured in India. The project cost of the CoE is Rs. 10.50 crore, with DHI's contribution of Rs. 8.40 crore. Through the above technology, sectors such as Engineering, Automobiles, Manufacturing and Precision Machining will be benefited.

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3.4. The Nano Manufacturing Technology Centre (NMTC) Clean Room Laboratories at Central Manufacturing Technology Institute, Bangalore: This centre was inaugurated on 13.12.2019. 16 clean room facilities of various specifications like Class-1000 to Class-100 clean rooms have been created at the centre. Rs.25.06 crore has been funded by DHI for the project. Through the above technology, sectors such as Machine Tools, Defence, Strategic sector, Aero, Marine and Manufacturing will be benefited.

3.5. The 'Smart Factory' Industry 4.0 India at Indian Institute of Science, a Common Engineering Facility Centre (CEFC) : This Centre was inaugurated on 13.12.2019. The Centre has been funded under the SAMARTH Udyog Bharat 4.0 programme of the Department of Heavy Industry. The project cost of the CEFC is Rs. 25.60 crore, with DHI's contribution of Rs.20.48 crore. Through the above Centre, sectors such as Engineering, Automobiles, Manufacturing and Machine Tools will be benefited.

4. Bharat Heavy Electricals Limited (BHEL) has successfully commissioned the country's first lignite- based 500 MW thermal unit of the 2x500 MW Neyveli New Thermal Power Project in Tamil Nadu. Significantly, this is the highest rating pulverised lignite-fired thermal unit commissioned in the country so far. The plant is based on Once-Through and Tower Type Boiler design, which has been adopted for the first time in the country for a lignite-based thermal unit.

5. BHEL signed a Memorandum of Understanding (MoU) with CSIR for commercialisation and implementation of indigenously developed technologies in line with national priorities on 5th December 2019.

6. BHEL entered into Memorandum of Agreement (MoA) with CSIR-NEERI (National Environmental Engineering Research Institute) in the area of outdoor air pollution control and mitigation, on 16th December 2019. This is expected to generate synergies for development and implementation of large scale outdoor air purifiers, with CSIR-NEERI as the technology partner.

7. In view of the Cabinet Secretariat's direction dated 12-01-2017 vide D.O letter No.1/50/1/2017-Cab, the status of ACC directions/ orders as per the prescribed format is given as under:

S.No.	Subject	Gist of Decision	Status of Implementation
		Nil	

With regards,

Yours sincerely


(Arun Goel)

Shri Rajiv Gauba,
Cabinet Secretary
Cabinet Secretariat,
New Delhi.