

File No. 15/17/2018-HE&MT  
Government of India  
Ministry of Heavy Industry & Public Enterprises  
Department of Heavy Industry  
HE & MT Section

Udyog Bhawan, New Delhi

Dated July 6, 2021

Website Link : <https://heavyindustries.gov.in/>

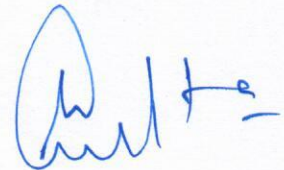
**OFFICE MEMORANDUM**

Subject- Requesting proposals for promotional activities for the spreading awareness about the Capital Goods sector and government initiatives of the CG sector

The undersigned is directed to draw reference to the DHI Scheme for Industry associations and PSUs for undertaking promotional activities for the spreading awareness about the Capital Goods sector and government initiatives in the CG sector.

2. In this regard, you are all requested to submit your proposals for conducting awareness events/ workshops/ webinars/ seminars for spreading awareness about the Capital Goods sector and government initiatives in the Capital Goods Sector.
3. The format for application, scheme brochure along with details of the department and background of the CG Scheme are enclosed for kind reference. Kindly submit your proposals latest by 20 July 2021, in the attached format.
4. This issues with the approval of the competent authority.

Encl: As above



Sanjiv Kumar Gupta  
Under Secretary to the Government of India

To,

1. Directors of all NITs
2. Directors of all IITs
3. CMDs of CPSEs and Directors of Autonomous bodies under DHI
4. Concerned Heads of CII/ FICCI/ EEPC/ Capital Goods Industry associations

**Department of Heavy Industry**  
**Ministry of Heavy Industry and Public Enterprises**

<b>Application form</b>	
1.	Application form for (a) Seminar, (b) Symposia, (c) Conference, (d) Workshop, (e) Others
2.	Geographical Coverage (a) Local, (b) Regional, (c) National, (d) International
3.	Mode of conduct of the event (Online/ Offline)
4.	<p>Broad Subject Area of the event:</p> <p>(i) Promotion of DHI Capital Goods Scheme;</p> <p>(ii) Awareness and training on smart manufacturing/ Industry 4.0) in line with DHI Samarth Udyog Initiative;</p> <p>(iii) Awareness and benefits of the Technology Innovation platforms developed under the DHI CG Scheme;</p> <p>(iv) Investment opportunities in the Capital goods sector;</p> <p>(v) Govt initiatives and Potential opportunities in following 14 sub sectors under Heavy Engineering and Machine Tool Sector:</p> <p>(a) Machine Tools and Cutting Tools;</p> <p>(b) Dies, Moulds and Press Tools;</p> <p>(c) Plastic Machinery;</p> <p>(d) Earth moving and Mining Machinery;</p> <p>(e) Metallurgical Machinery;</p> <p>(f) Textile Machinery;</p> <p>(g) Process Plant Equipment;</p> <p>(h) Printing Machinery;</p> <p>(i) Food Processing Machinery;</p> <p>(j) Rubber industry;</p> <p>(k) Industrial robots;</p> <p>(l) Surface coating equipment;</p> <p>(m) Auto sector machinery;</p> <p>(n) Heavy Electrical Equipment</p>
5.	Details of the Event:

	Name: Date: Duration: Complete address of the venue:	
6.	Name and Address of the Educational institute/ College/CPSE/ Autonomous body/Industry association	
7.	Name and Address of the Contact Person	
8.	Name and Address of the chief of the organization empowered to receive the financial grant (which will be released only in favor of the institutions/ recognized society, if approved:)	
9.	Broad details of Estimated Expenditure for the event (in Rupees)	
10.	Brief statement of Objectives of the Event highlighting the importance in National context	
11.	How the user communities will be benefited from the outcome of the event	

## **Brochure for DHI Scheme for Industry associations and PSUs for undertaking promotional activities**

### **Objective**

Department of Heavy Industry (HE & MT division) invites applications for organising "Awareness workshops/seminars/ Webinars etc for spreading awareness about the Capital Goods sector and government initiatives in the Capital Goods Sector. The scheme aims to provide financial support for organising such events.

### **Eligibility Criteria**

- i. Premier educational institutes i.e. IITs and NITs providing technical education in manufacturing domain.
- ii. Industry Associations like FICCI, EEPC, CII, IPAMA, PMAI, ITAMMA, TMA, IMTMA, PMAI, ICEMA, ITMA, AFTPAI, TAGMA, AIA etc. are eligible for support for conducting awareness programmes proposed for working Professional and innovators.
- iii. CPSEs and autonomous bodies under DHI

### **Financial Support**

Financial assistance will be provided to eligible institutions for organizing Awareness workshops/seminars. The funding will be limited to up to Rs. 2.0 Lakhs per programme and will be paid on reimbursement basis subject to submission of actual receipts/ vouchers in original for funds spent in organising the event.

### **How to Apply**

Duly filled in application forms in the attached format should be submitted through email on the following email id- [sanjiv.gupta75@gov.in](mailto:sanjiv.gupta75@gov.in) with a copy to [vikasdogra71-cgo@gov.in](mailto:vikasdogra71-cgo@gov.in) and [anuja.arora@govcontractor.in](mailto:anuja.arora@govcontractor.in) .

### **Note regarding the Department and DHI Capital Goods Scheme**

The Ministry of Heavy Industries and Public Enterprises, comprising Department of Heavy Industry and the Department of Public Enterprises, functions under the charge of Cabinet Minister (Heavy Industries and Public Enterprises). The Ministry promotes the development and growth of three sectors i.e. Capital Goods, Auto and Heavy Electrical Equipment in the country. It administers 29 Central Public Sector Enterprises (CPSEs); 5 Autonomous Organizations and frames policy guidelines for Central Public Sector Enterprises (CPSEs) and overall administration of CPSEs. The Department of Heavy Industry has been allocated the following subjects/ Industrial Sectors:

- a) Heavy Engineering Equipment and Machine Tools Industry
- b) Heavy Electrical Engineering Industry
- c) Automotive Sector, including Tractors and Earth Moving Equipment.

**Vision of the Department**- To have a globally competitive, green & technology-driven heavy industry manufacturing sector, including automotive and capital goods sectors, which propels growth and job creation

**Mission of the Department**- To facilitate Auto, Heavy Electrical & Capital Goods Sectors to be globally competitive, growth oriented and profitable and to provide all necessary support to CPSEs to improve their overall performance.

### **Background and details about the Heavy Engineering Equipment and Machine Tools Industry**

The Heavy Engineering and Machine Tool sector is a part of the Capital Goods sector. The sector comprises of plant and machinery, equipment / accessories required for manufacture / production, either directly or indirectly, of goods or rendering services required for replacement, modernization, technological up-gradation and expansion. It also includes packaging machinery and refrigeration equipment.

The Heavy Engineering and Machine Tool sector consists of the following major sub-sectors:

- i. Heavy Electrical Equipment

- ii. Machine Tools and cutting Tools
- iii. Dies, Moulds and Press Tools
- iv. Plastic Machinery
- v. Earthmoving and Mining Machinery including high-capacity engines etc.
- vi. Metallurgical Machinery
- vii. Textile Machinery
- viii. Process Plant Equipment
- ix. Printing Machinery
- x. Food Processing Machinery
- xi. Rubber industry
- xii. Industrial robots
- xiii. Surface coating equipment
- xiv. Auto sector machinery

### **3. DHI Scheme for 'Enhancement of Competitiveness in the Indian Capital Goods Sector'**

- The scheme was notified on 5th November 2014 with a total outlay of Rs. 930.96 crores and a budgetary support of Rs. 581.22 crores. The remaining funds were to come in as contribution from the industry partners. The Scheme Gazette Notification is placed at [https://dhi.nic.in/writereaddata/Notification\\_HE\\_and\\_MT\\_141114.pdf](https://dhi.nic.in/writereaddata/Notification_HE_and_MT_141114.pdf).
- This was unique effort to bring together Industry and Academia to jointly work together to address the critical R&D and technology gaps. Industry in partnership with eminent Research Institutes proposed projects seeking government funding. The idea being to foster long term relationships between Industry and Universities to create an environment for the critical R&D. The release of the Government's share of funds was incumbent upon the Industry partner contributing its share to the Research Institute like IITs, Indian Institute of Science, CMTI Bengaluru, etc.

- Ten Common Engineering Facility Centres (CEFCs) including four Industry 4.0 SAMARTH centres have been established at IITs, Indian Institute of Science, Bengaluru, CMTI Bengaluru, Heavy Engineering Corporation (HEC), Ranchi, HMT Bengaluru, etc. to provide infrastructural and technical support to Industrial clusters including testing, training, certification, common manufacturing, tool room, calibration to MSMEs. Further, regular awareness events for Industry 4.0 have been organized under the scheme.
- Eight Centres of Excellence (COEs) for Technology Development have been established at IIT Madras, IIT Delhi, IIT Kharagpur, IISc, CMTI, HEC/PSG College of Technology etc. Technologies have been developed with industry partners in sectors like machine tools, textile machinery, earth moving machinery, metallurgical machinery, welding, submersible pumps etc.
- A 500 acres world class Machine Tool Park has been established in Tumakuru, Karnataka in partnership with the Government of Karnataka. This Park is located in a machine tools cluster and aims to leverage the available skills and world class infrastructure to strengthen the competitiveness of the Machine Tools sub-sector.
- Five foreign manufacturing technologies have been acquired under the Technology Acquisition Fund component of the Scheme. These include new technologies for long lathe machines, high voltage electrical cables, laser cladding of hydro turbines and titanium shell casting technology.
- To kick-start and create an environment for Engineering and R&D, six web-based open manufacturing technology innovation platforms have been developed by the Department jointly with Automotive Research Association of India (ARAI), Hindustan Machine Tools Ltd. (HMT), International Centre for Automotive Technology (iCAT), Bharat Heavy Electricals Limited (BHEL), Indian Institute of Technology Madras and Central Manufacturing Technology Institute (CMTI) to bring all India's technical resources and the concerned Industry on to one network to facilitate identification of technology problems faced by Industry and to crowd source solutions for the same in a systematic manner so as to accelerate start-ups and angel funding of India innovations.

This includes the development of 'mother' manufacturing technologies indigenously through 'Grand Challenges' on the Platforms.

- Following are the links to register on the six Technology Innovation platforms:

<https://aspire.icat.in>

<https://sanrachna.bhel.in/>

<https://technovuus.araiindia.com/>

<https://techport.hmtmachinetools.com>

<https://kite.iitm.ac.in/>

<https://drishti.cmti.res.in/>

Kindly register on these six technology platforms and contribute towards the goal of Aatmanirbhar Bharat.

- The progress made under the Scheme has been very encouraging. During this period 25 new indigenous technologies have been successfully developed in the fields of machine tools, textile machinery, earth moving machinery, nano and sensor technologies, through Industry-Academia cooperation. These prototypes are being prepared for commercialization.