

GOVERNMENT OF INDIA  
MINISTRY OF HEAVY INDUSTRIES  
LOK SABHA  
UNSTARRED QUESTION NO. 2312  
ANSWERED ON 06.08.2024

**PHASE-I AND II OF SCHEME FOR ENHANCEMENT OF COMPETITIVENESS IN  
INDIAN CAPITAL GOODS SECTOR**

**2312. DR. SHRIKANT EKNATH SHINDE:  
SHRI PRAVEEN PATEL:  
SHRI HARIBHAI PATEL:  
SHRI NARESH GANPAT MHASKE:  
SMT. DAGGUBATI PURANDESWARI:**

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

- (a) the details of the results and advancements achieved in Phase-I and Phase-II of the Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector, encompassing the funded projects, developed technologies, and the influence on the competitiveness of Indian industries in the global market;
- (b) the details about the particular projects that received funding during Phase-II of the Scheme along with the quantum of funds for Enhancement of Competitiveness in the Indian Capital Goods Sector; and
- (c) the details about the partnerships forged between academia and industry that have been facilitated by the Capital Goods Scheme?

**ANSWER  
THE MINISTER OF STATE FOR HEAVY INDUSTRIES  
(SHRI BHUPATHIRAJU SRINIVASA VARMA)**

**(a):** Under Phase- I of the Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector”, 33 projects with budgetary support of Rs. 583.312 Cr were sanctioned. In Phase I of scheme, 30 niche indigenous technologies have been successfully developed, in the fields of machine tools, additive manufacturing, textile machinery, welding robots and alloys design, earth moving machinery, and sensor technologies.

On January 25, 2022, Ministry of Heavy Industries (MHI) has notified the Scheme on Enhancement of Competitiveness in the Indian Capital Goods Sector- Phase-II and Phase- I was merged with the scheme. This scheme provides assistance to Common Technology Development, Skilling and Testing Services Infrastructure. Under the Scheme, a total of 33 projects with project cost of Rs 1366.94 crores (due to higher contribution by Industry) and Government contribution of Rs 963.19 crore have been sanctioned so far.

**(b)&(c):** The Scheme for Enhancement of Competitiveness in the Indian Capital Goods Sector aims to bring together Industry and Academia to jointly work together to address the critical R&D and technology gaps. This is a demand driven scheme in which, Industry in partnership with eminent Academic/Research Institutes proposes projects seeking government funding. The idea is to foster long term relationships between Industry and Academic Universities to create an environment for the critical R&D. The details of the projects sanctioned along with Academic/Research Institutes under the Phase- II of the Scheme and quantum of funds sanctioned are placed at Annexure.

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**Annexure to reply of the Lok Sabha Unstarred Question No 2312.**

The details of the projects sanctioned along with Academic/Research Institutes under the Phase-II of the Scheme and quantum of funds sanctioned are as under:-

(in Rs crores)

S.No	Project Name	Scheme Component	Total Project Cost	MHI contribution
1	Augmentation of Existing Centre of Excellence at IISc, Bangalore	Centre of Excellence	44.60	35.68
2	Augmentation of Existing Centre of Excellence by AMTDC, IIT Madras	Centre of Excellence	25.6708	20.537
3	Augmentation of Existing Centre of Excellence for Design & Development of Submersible Slurry Pumps by Si'Tarc Coimbatore	Centre of Excellence	12.847	10.2776
4	Augmentation of Existing Centre of Excellence at IIT Delhi	Centre of Excellence	4.1746	3.3397
5	Setting up of Centre of Excellence at ARAI, Pune	Centre of Excellence	14.55	11.64
6	Setting up of Centre of Excellence by IIT BHU, Varanasi	Centre of Excellence	45	36
7	Augmentation of Existing Centre of Excellence by IIT Kharagpur	Centre of Excellence	24.82	19.852
8	Setting up of Centre of Excellence by ICAT, Manesar	Centre of Excellence	8.61	6.888
9	Setting up of Centre of Excellence by BHEL, Varanasi	Centre of Excellence	285.655	174.7
10	Setting up of Common Engineering Facility Centre (CEFC) by BHEL for skilling in advanced welding technologies	Common Engineering Facility Centre	87.06	69.648
11	Setting up of Common Engineering Facility Centre (CEFC) at ARAI, Pune	Common Engineering Facility Centre	42	33.60
12	Augmentation of Common Engineering Facility Centre (CEFC) by C4i4, Pune	Common Engineering Facility Centre	35	28
13	Augmentation of Common Engineering Facility Centre (CEFC) at Smart Factory, IISc Bangalore	Common Engineering Facility Centre	37.97	30.37 6
14	Setting up of Common Engineering Facility Centre (CEFC) at TIDCO, TamilNadu	Common Engineering Facility Centre	155.04	46
15	Development of 23 Qualification Packs for automotive sector by Automotive Skill Development Council(ASDC)	Skilling	2.838	2.838
16	Development of 23 Qualification Packs for Capital Goods Sector by Capital Goods Skill Council (CGSC)	Skilling	2.99	2.99
17	Creation of 12 QPs of level 6 and above by Instrumentation, Automation, Surveillance and Communication (IASC)	Skilling	1.77	1.77
18	Augmentation of existing three testing and certification facilities at BHEL	Testing and Certification Centre	39.95	31.96
19	Augmentation of existing Testing and Certification Facility for Bicycle at R&D Centre for Bicycle, Ludhiana	Testing and Certification Centre	10.08	8.06

20	Augmentation of existing Testing and Certification Facility at Institute for Autoparts & Hand tools Technology (IAHT), Ludhiana	Testing and Certification Centre	10.15	8.12
21	Augmentation of existing Testing and Certification Facility at Institute for Machine Tools Technology (IMTT), Batala	Testing and Certification Centre	4.58	3.664
22	Augmentation of existing testing and certification centre at CMTI, Bangalore	Testing and Certification Centre	45.68	36.544
23	Augmentation of existing testing and certification centre at ARAI, Pune	Testing and Certification Centre	70.25	54.45
24	Augmentation of existing and certification facility at FCRI, Palakkad	Testing and Certification Centre	15.3	12.24
25	Establishment of Industry Accelerator by CMTI, Bangaluru	Industry Accelerator	28.6334	23.1207
26	Industry Accelerator for development of Indigenous Industrial Robots by AMTDC, IIT Madras	Industry Accelerator	15.9	12.72
27	Industry Accelerator by PSG College of Technology, Coimbatore	Industry Accelerator	27.74	22.46
28	Setting up of Industry Accelerator by ARAI, Pune	Industry Accelerator	35.724	28.91
29	Setting up of Industry Accelerator by ISB, Mohali	Industry Accelerator	21.0315	17.0255
30	CAMRAS Industry Accelerator by ARTPARK, IISc Bangalore	Industry Accelerator	92.88	74.78
31	SAMRIDHI Industry Accelerator by IISc, Bangalore	Industry Accelerator	61.6160	48.9991
32	Industry Accelerator by SASTRA University, Thanjavur	Industry Accelerator	41.8032	33.0667
33	Setting up of Industry Accelerator at IIT Roorkee	Industry Accelerator	16.0545	12.9945

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