

SAMARTH Centres

February 7, 2024 • vajiramandravi.com



About SAMARTH Centres:

- The **Smart Advanced Manufacturing and Rapid Transformation Hub** (SAMARTH) centres are set up under the Scheme for “Enhancement of Competitiveness in the Indian Capital Goods Sector.
- These 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:
 - Organizing Seminars/ Workshops and knowledge sharing events on Industry 4.0;
 - Training industries to create awareness about **Industry 4.0**;
 - Providing **consultancy** (in areas such as IOT Hardware, Software development, data analytics) and **incubation support** to start- ups including MSMEs.

Key facts about the Enhancement of Competitiveness in the Indian Capital Goods Sector scheme

- It has been launched by the Ministry of **Heavy Industries** to address the technological obsolescence, limited access to quality industrial infrastructure and common facilities.
- In order to **address the skill gaps and infrastructure development** and technology needs for the Capital Goods Sector, **Phase I** of the Capital Goods scheme was rolled out in November **2014**.

- Phase I of the scheme fostered partnerships between Academia and Industry for engendering technology development with Government support.
- The objective of **Phase II** (on January 25, 2022) is to expand and enlarge the impact created by Phase I pilot scheme, thereby providing greater impetus through creation of a strong and globally competitive capital goods sector that contributes at least 25% to the manufacturing sector.

Components of the Scheme

- **Identification of Technologies** through Technology Innovation Portals
 - Setting up of four **New Advanced Centres** of Excellence and augmentation of Existing Centres of Excellence
 - **Promotion of skilling** in Capital Goods Sector–creation of Qualification packages for skill levels 6 and above
 - Setting up of four **Common Engineering Facility Centres** (CEFCs) and augmentation of existing CEFCs
 - Augmentation of Existing Testing and Certification Centres
 - Setting up of ten Industry Accelerators for Technology Development
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Q1:What is Industry 4.0 ?

It can be defined as the integration of intelligent digital technologies into manufacturing and industrial processes. It encompasses a set of technologies that include industrial IoT networks, AI, Big Data, robotics, and automation.

Source:SAMARTH Centres providing assistance to the MSMEs to train the workforce and make them aware about Industry 4.0 technologies

Source: <https://vajiramandravi.com/current-affairs/samarth-centres/>

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