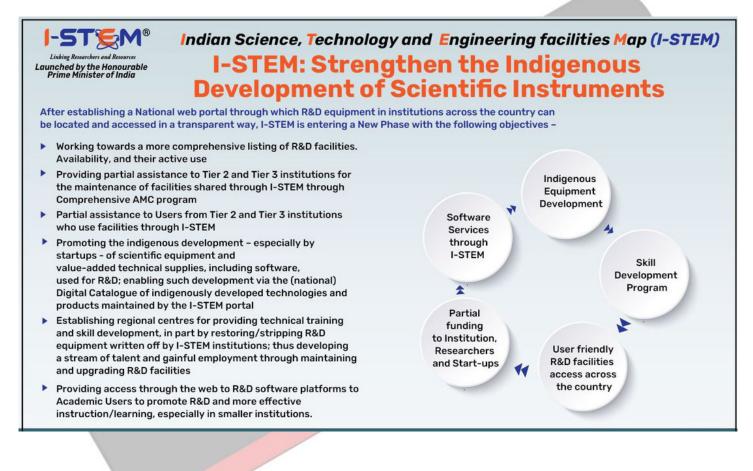


I-STEM Enters Phase-II

Why in News

The Indian Science Technology and Engineering facilities Map (I-STEM) project has been accorded an extension for five years, until 2026 and enters its second phase with added features.



Key Points

- I-STEM:
 - About:
 - I-STEM is a National Web portal for sharing R&D (Research and Development) facilities.
 - The portal facilitates researchers to access slots for the use of equipment, as well as to share the details of the outcomes, such as, patents, publications and technologies.
 - Launch:

- Launched in January 2020. It is an initiative of Office of the <u>Principal Scientific</u> <u>Adviser</u> to the Government of India under the aegis of <u>Prime Minister Science</u>, <u>Technology and Innovation Advisory Council (PM-STIAC) mission</u>.
 - **PM-STIAC:** It is an overarching Council that facilitates the Principal Scientific Adviser's Office to assess the status in specific science and technology domains, comprehend challenges in hand, formulate specific interventions, develop a futuristic roadmap and advise the Prime Minister accordingly.

• Goal:

- The goal of I-STEM is to strengthen the R&D ecosystem of the country by connecting researchers with resources.
- Promoting **technologies and scientific equipment development indigenously,** and **providing necessary supplies and support to researchers** by enabling them an access to existing publicly funded R&D facilities in the country through the I-STEM web portal.
- Phase-I:
 - In the first phase, the portal is listed with more than 20,000 pieces of equipment from 1050 institutions across the country and has more than 20,000 Indian researchers.

Phase-II:

- The portal will host indigenous technology products listed through a digital catalogue. It will also host and provide access to selected R&D (Research and Development) software required to undertake research projects by students and scientists.
- The portal will also provide a platform for the various City Knowledge and Innovation Clusters to enhance effective use of R&D infrastructure through leveraging collaboration and partnership built on a shared STI (Science Technology and Innovation) ecosystem.
- New phase will be designed as a dynamic digital platform that will provide a **boost to** research and innovation especially for 2 tier and 3 tier cities and also for the emerging start-up ecosystem.

Source: PIB

PDF Refernece URL: https://www.drishtiias.com/printpdf/i-stem-enters-phase-ii