SATHI Scheme

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In news: Under the SATHI scheme, several centers are being set up to house major analytical instruments to provide common services of high-end analytical testing.

About the scheme-

- These centers are initiated under the '**Sophisticated Analytical & Technical Help Institutes (SATHI)'** scheme of the **Department of Science and Technology.**
- They will address the need for building shared, professionally managed, and strong S&T infrastructure in the country which is **readily accessible to academia, start-ups, manufacturing, industry and R&D labs.**
- Three such centers **set up at IIT Kharagpur, IIT Delhi and BHU Varanasi**, are being operated with a transparent, open access policy.
- DST has planned to set up **five SATHI Centers every year for the next four years.**
- These Centres will be **equipped with a major analytical instrument and advanced manufacturing facility,** which is usually not available at Institutes / Organisations.
- This effort is expected to reach out much needed less endowed organisations like MSMEs, Start-ups, State Universities and Colleges fostering a strong culture of research collaboration between institutions.

Aims and Objectives-

- To provide a shared, professionally managed services and strong Science and Technology **infrastructure / facilities,** with efficiency, accessibility and transparency of highest order under one roof.
- SATHI will have facilities for **fabrication work, rapid prototyping, material testing, characterisation, new device fabrication, smart manufacturing and**

characterisation facilities etc., to attract and help R&D labs, industrial R&D, MSME, Incubators, Start-ups, etc…

- To **organise short term courses / workshops / seminars,** hands-on training programme etc. on the use and application of various instruments and techniques for both External and Internal Users / Researchers.
- To **train technicians** for maintenance and operation of sophisticated scientific instruments and keep a record book of these people trained.