



## Sophisticated Analytical & Technical Help Institutes: SATHI

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### Why in News

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The **Department of Science & Technology (Ministry of Science and Technology)** has launched a unique scheme called **Sophisticated Analytical & Technical Help Institutes (SATHI)**.

- The DST has already set up 3 such centres in the country, one each at IIT Kharagpur, IIT Delhi and BHU. It is planned to set up **5 SATHI Centres every year** for the next four years.
- These Centres have **major analytical instruments and advanced manufacturing facilities** to provide common services of high-end analytical testing, thus avoiding duplication and reduced dependency on foreign sources.

### Key Points

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- **Science and Technology infrastructure:**  
Address the need for **shared, professionally managed** and **strong Science and Technology infrastructure** in the country which is **easily accessible** to academia, start-ups, manufacturing, industry and R&D labs.
- **Efficient Use of Equipments:**  
Address the problems of **accessibility, maintenance, redundancy and duplication of expensive equipment in Institutions.**
- **Intellectual Property Rights :**  
Address the issue of **Intellectual property (IP)** creation and protection, a **digital platform** will be created which will facilitate seamless **application** and capture **IPRs (Intellectual Property Rights).**
- **Knowledge Translation Clusters:**  
These clusters will be set up across different technology sectors including in **new and emerging sectors** for designing, fabrication and proof of concept and further scaling up technology clusters.

- Besides the SATHI initiative, extra funds to **100 top-performing departments in universities and IITs** etc will be provided in 2020 for **augmentation** of their **research facilities** to global benchmarks.
- The research efforts of these supported departments will be in sync with the **national priorities of excellence** in **manufacturing, waste processing, clean energy** and **water**, and **Start-up India, etc.**

## Note

- **SAATHI (Sustainable and Accelerated Adoption of efficient Textile technologies to Help Small Industries) Initiative**
  - It is an initiative of the **Ministry of Textiles**.
  - **Objective:** To sustain and accelerate the **adoption of energy efficient** textile technologies in the powerloom sector and **cost savings** due to use of such technology.
- **SATH (Sustainable Action for Transforming Human capital) Program**
  - It is a program of **NITI Aayog**.
  - **Objective:** To initiate transformation in the **education** and **health** sectors and build 3 future **'role model' states**.
  - The program addresses the need expressed by many states for technical support.

**Source: PIB**