JATAN: Virtual Museum Software

Archaeological site museums under **Archaeological Survey of India** (ASI) have been **digitised** through **JATAN** software.

- **JATAN** is a virtual museum builder software, that enables creation of **digital collection management system** for Indian museums and is deployed in several national museums across India.
- **It's objective** is to make a **digital imprint** of all the objects preserved in museums and help researchers, curators and other people interested in the field.
- **Designed and developed** by Human Centres Design and Computing Group, **Centre for Development of Smart Computing** (C-DAC) **Pune.**
- The digital imprints (of preserved objects and monuments) created using the JATAN software are integrated in the **national digital repository and portal** for making them accessible to the public.
    - **The National portal and digital repository** (developed by C-DAC, Pune) for museums of India provides an integrated access to theme based **collections** and **artefacts** (in terms of sculptures, paintings, manuscripts, weapons, coins and numerous other categories of artefacts) irrespective of the **physical** and **geographical** locations of museums.
- Centre for Development of Smart Computing (C-DAC) Pune has also developed **"Darshak",** a **mobile-based application** aimed at improving the museum visit experience among the **differently-abled.**
    - It allows real-time museum visitors gather all details about objects or artifacts simply by scanning a QR code placed near the object.

Centre for Development of Advanced Computing

- C-DAC is the premier **Research & Development organization** of the **Ministry of Electronics and Information Technology** (MeitY) for carrying out R&D in IT, Electronics and associated areas.
- India's first supercomputer **PARAM 8000** was indigenously built (in 1991)by the Centre for Development of Advanced Computing.

Source: PIB