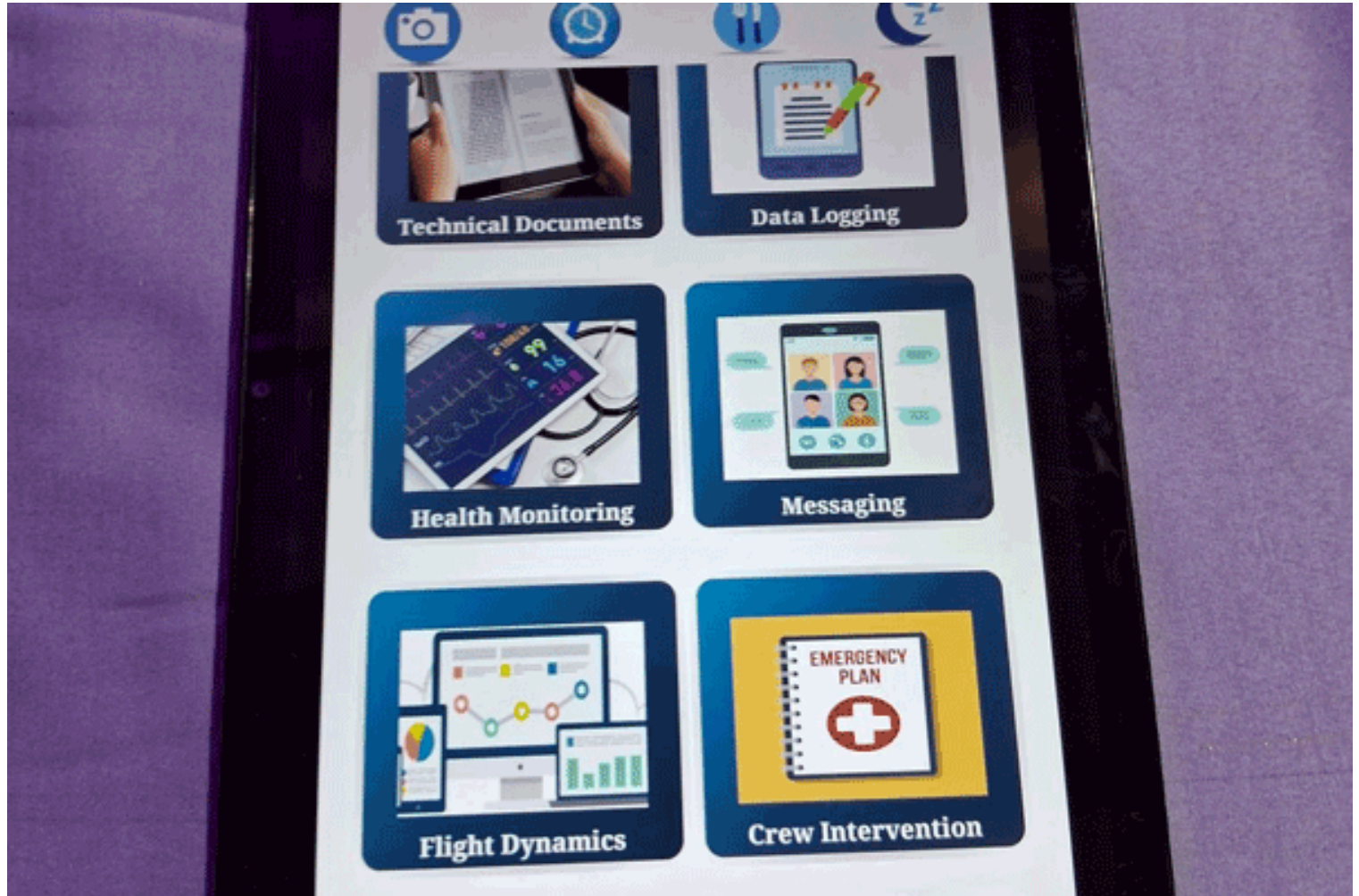


SAKHI app

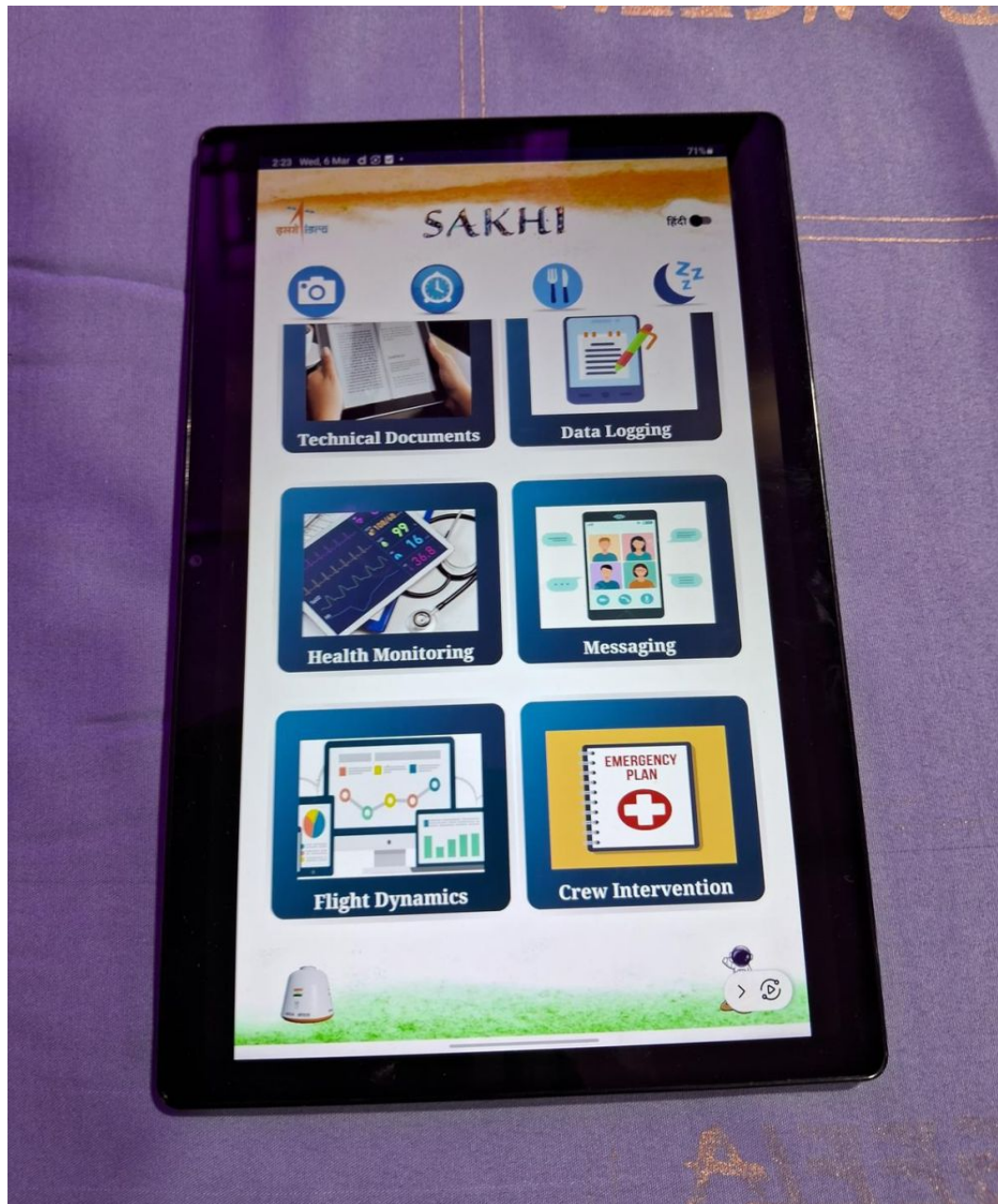
By IASToppers | 2024-03-20 15:45:00



Key Facts

SAKHI app

The Space-borne Assistant and Knowledge Hub for Crew Interaction (SAKHI) app was recently developed by Vikram Sarabhai Space Centre (VSSC), a key facility of the Indian Space Research Organisation (ISRO) situated in Thumba, Thiruvananthapuram.



[ref: The Hindu]

About SAKHI (Space-borne Assistant and Knowledge Hub for Crew Interaction) app:

- The app is designed to support astronauts embarking on the **Gaganyaan mission**, a landmark project aimed at sending a **three-member crew** to a **400 km orbit**.

Key Benefits and Features of SAKHI App

- **Health Monitoring:** The SAKHI app is equipped with features to monitor vital health parameters such as blood pressure and heart rate, ensuring the well-being of astronauts during their mission.
- **Seamless Communication:** It establishes a continuous link between the astronauts, the onboard systems, and the ground stations, facilitating efficient communication.

- **Mission Documentation:** Astronauts can log their observations and findings in various formats including voice, text, and images, which aids in the thorough documentation of the mission.
- **Information Access:** The app provides immediate access to essential technical information and manuals, critical for the successful execution of the mission.
- **Lifestyle Management:** SAKHI reminds astronauts about important lifestyle aspects like hydration, diet, and sleep schedules, contributing to their overall health and performance.
- **Accessibility:** Designed with the unique needs of space missions in mind, the app is easily accessible and compatible with space suits, ensuring no interruption in its usage.