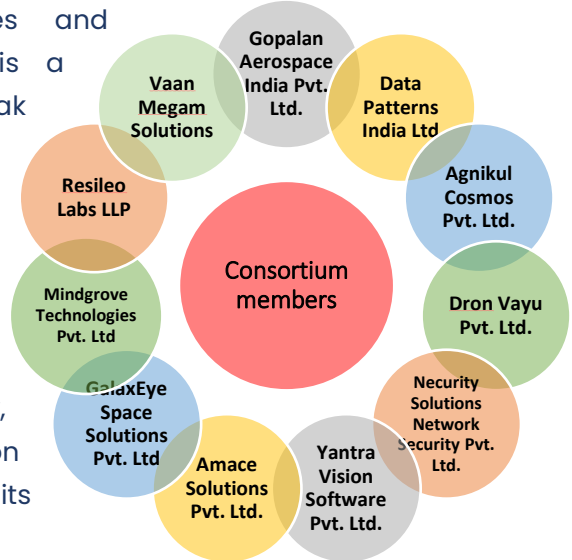


1. Indian Space Technologies and Applications Consortium Design Bureau (ISTAC DB)

- a. I-STAC.DB - Indian Space Technologies and Applications Consortium Design Bureau, is a consortium launched by IITM Pravartak Technologies Foundation and five other entrepreneurial start-up companies in deep tech and engineering domain. The consortium will focus on building an end-to-end Atmanirbhar ecosystem for space technologies from on-demand access to space including rapid launch capability, satellites, sensors, future generation communication such as 6G, satellite data and its applications



- b. The following are the focus areas of the consortium:
- Space Vehicle (Light and Super Rocket) Design and Manufacturing.
 - Multiple and Rapid Rocket Launch Capabilities
 - Satellite Design, Manufacturing, Assembly and Fabrication
 - Software, Hardware, and Communication Components for the above capabilities.
 - Security of Satellites – Cyber/Communication security and Physical Security
 - Ground Stations, data processing, assimilation for communication and geo spatial application sectors
 - Satellite retirement and space debris management
 - Capability