

ANANTH TECHNOLOGIES LTD (ATL)

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PSLV C52- Successful Launch on 14-02-2022

A major window opening in India's Space Sector, boost to Ananth Technologies Ltd (ATL), a dedicated domestic Private Aerospace Company.

In-order to enhance the proliferation of space technologies and space-based applications in the country to fully reap its benefits, and give boost to country's overall space-based economy; Government has opened-up the Space-sector for enhanced participation of private industries in all areas of its activities.

This PSLV C-52 mission has also been unique for its different stages harnessed, integrated, tested and qualified by Ananth Technologies Limited (ATL), a long-time partner of ISRO, under contract with ISRO's Vikram Sarabhai Space Centre (VSSC), and guidance from VSSC's teams of engineers. The Thiruvananthapuram unit of ATL has carried out the sub-assemblies of various flight systems/ stages, including their integration and checkout.

The ATL,TVPM unit has also realized many Avionics packages for the mission including On-board computers, Control Electronics, Telemetry, Power systems etc.

The Bengaluru unit of ATL, has contributed to the EOS-04 satellite of the mission by realizing many critical Avionics systems.

A glimpse of ATL's different activities

Dr. Subba Rao Pavuluri, founder and CMD of ATL thanked ISRO for reposing trust in his company. He elaborated on ATL having been one of ISRO's involved partners for nearly three decades. ATL has been into manufacturing of various electronics as well as mechanical sub-systems for ISRO's launch vehicles, satellites, spacecraft payloads, and ground systems; in addition, providing geo-spatial data and services for a host of multi-sectoral developmental projects in the country. ATL has also been manufacturing critical aerospace sub-systems for India's strategic sector as well in the areas of electronics and mechanical subsystems, such as avionics packages, sensors, communication systems, sophisticated flight systems and so on.

The headquarters of ATL is at Hyderabad. The company has exclusive facilities at Thiruvananthapuram in Kerala for supporting ISRO in fabrication, assembly, testing and supply of sophisticated electronic packages, computer systems and various sub systems for launch vehicles and integrating of launch vehicles like PSLV, etc; and, at Bengaluru, Karnataka it has put up a large-sized facility for manufacturing of satellites. He also highlighted ATL having provided to ISRO 'zero-defect manufacturing support' to around 69 launch vehicles and 89 spacecraft over these years. ATL has its facilities in Thiruvananthapuram at the KINFRA Park and in Bengaluru, at KIADB's Aerospace Park.

ATL has agreements for working together with some reputed aerospace and space companies from abroad (Europe, US, Russia), for specialized manufacturing services; of most recent, a Joint Venture has been formed between ATL and Saturn Satellite Networks (SSN), a US company, for building advanced small-to-medium sized satellites, which would specifically be suitable to be launched on-board India's PSLV and SSLV.

Dr. Subba Rao Pavuluri emphatically added that ATL, as a dedicated aero-space company, is fully geared-up to take strides in country's space sector activities and other strategic programs as a co-traveler in nation's resolve on becoming 'Atmanirbhar Bharat'.