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# **L&T Plays Critical Role in 2011 Space Odyssey**

The Polar Satellite Launch Vehicle PSLV-C16 has placed India's space programme in a new orbit of success. It follows 17 continuously successful flights of the PSLV series. The successful launch and accurate tracking of the space vehicle brings to the fore L&T's contribution to the mission.

Many of the critical components of the PSLV were manufactured at L&T's aerospace shop in Powai and the Advanced Composites facility in Ranoli, Vadodara. This includes a number of middle segments for PSLV solid propellant rocket, solar array deployment mechanism - wingsets and honey comb deck panels for upper stage & heat shield of PSLV.

In a milestone achievement L&T has to date successfully rolled out 100 middle segments for PSLV solid propellant rocket and 22 wingsets of solar array deployment mechanisms from Aerospace Shop in Powai.

Of equal significance is L&T's contribution to tracking the PSLV on its spectacular journey through space. The C Band Tracking Radar, manufactured at Powai, tracked PSLV-C16 up to a distance of 3292 km in transponder mode for 801 seconds. The S Band Radar tracked the space vehicle up to 421 km in skin mode for 256 seconds.

The PSLV-C16 launch is the latest milestone in L&T's space odyssey.

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