

October 2008: Chandrayaan-1 lifts off for the Moon

Spur Electron Ltd were involved in the procurement of Rad Hard Micro Processors and Memory for the Indian Space Research Organisation's (ISRO) first unmanned mission to the moon, which was successfully launched from the Satish Dhawan Space Centre (SHAR) in Sriharikota, India, early morning on Wednesday 22nd October 2008. The lunar craft was launched using the Polar Satellite Launch Vehicle ([PSLV](#)) and will orbit around moon 100 km from moon surface.

India and Europe began collaborating on space ventures when, in 1978, the first cooperation agreement between ESA and ISRO was signed. In 1981, an Ariane 1 launcher carried India's first geostationary satellite, Apple. So far, 13 of India's INSAT satellites have flown on Europe's Arianes.

On 56th Independence Day, August 15 2003, India's Prime Minister Atal Bihari Vajpayee announced. "Our country is now ready to fly high in the field of science. I am pleased to announce that India will send her own spacecraft to the moon by 2008. It is being named Chandrayaan-1". In Sanskrit (language of Ancient India) "Chandrayaan" means "Moon Craft".

Moon has always fascinated Indians from ancient days and now 21st century india is ready to land on the moon! Chandrayaan-1 is the first mission towards the dream.

In Chandrayaan-1, the lunar craft would be launched using Polar Satellite Launch Vehicle ([PSLV](#)) weighing 1304 kg at launch and 590 kg at lunar orbit. Lunar craft would orbit