

TECHNOLOGIES TRANSFERRED FROM ISRO

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Precision Opto Mechanical Multi Element Refractive Optics Lens Assembly

(Technology Transferred to M/s GOAL Pvt. Ltd.)

Technologies for development and realization of space-borne Multi-Element Refractive Optics Lens Assemblies have been developed by ISRO over a period through constant R & D efforts. After successful development of various technologies with respect to precision mechanical fabrication and lens level performance measurement and evaluation, ISRO went ahead with the realization of much advanced refractive optics lens assemblies like Advanced Wide Field Sensor (AWiFS) Optics and LISS-3 Band 5 Optics for Indian Remote Sensing project. In addition to payload camera optics, same technologies have been utilized successfully in realization of precision star sensor optics for various projects.

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