

Lali.PT

*Sr. Technical Asst.A, Space Physics Laboratory,
Vikram Sarabhai Space centre, Trivandrum-695022.
Email: pt_lali[at]vssc[dot]gov[dot]in*

Academic Qualifications

- ✚ B-Tech in Civil Engineering
- ✚ Diploma in Electronics Engineering

Professional Background

- ✚ Graduate Apprentice Trainee in Kerala state PWD
- ✚ Instructress in Skiltech Educational Institution

Major Responsibilities

- ✚ Development of electronic systems and software required for regular scientific experiments.
- ✚ Involvement in Network of Observatories for Boundary Layer Experiments (NOBLE) under ISRO-GBP activities.
- ✚ Maintenance and data archival of various boundary layer instruments.
- ✚ Installation of various scientific instruments at ATS, TERLS area.
- ✚ Participation in various experimental campaigns of SPL in TERLS.

Developmental Activities:

- ✚ Development of RS422 to RS232 converter for Sonic Anemometer, **NOBLE** project.
- ✚ Designed and implemented foam based acoustic attenuator for **SODAR, NOBLE** project.
- ✚ Developed GUI Lab VIEW software for ship cruise campaign **South-West Tropical Indian Ocean Expedition.**
- ✚ Developed software for PC Time synchronization using GPS.
- ✚ Participation in regular launch activities of Pisharoty GPS Sonde from TERLS.

Publications

- ✓ A technical report about '**Stand-alone Data Acquisition System for Tethersonde** ' [SPL- TR-02-2012]