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Research Area:

FPGA based system design for data acquisition systems, RF circuit design, Antenna design.

Research Interests:

- Development of Scientific Payloads
- Development of Wireless Communication systems
- Development of Atmospheric Radars

Academic Qualifications:

- Bachelor of Technology in Electronics and Communication Engg.
- Diploma in Electronics & Avionics Engg.

Responsibilities:

- Deputy Project Manager for DFRS (Dual Frequency Radio Science) payload of Chandrayaan-2 mission
- Development of digital receiver for HF Radar using virtex-6 FPGA
- Development of Data acquisition system for HF Radar
- Operation and maintenance of HF Radar, Partial Reflection Radar and SkiYmet Radar
- Providing Technical Support for Radiosonde experiments
- Development of antenna system for Sonde Receiver
- Team Member for the upcoming VHF Radar.