

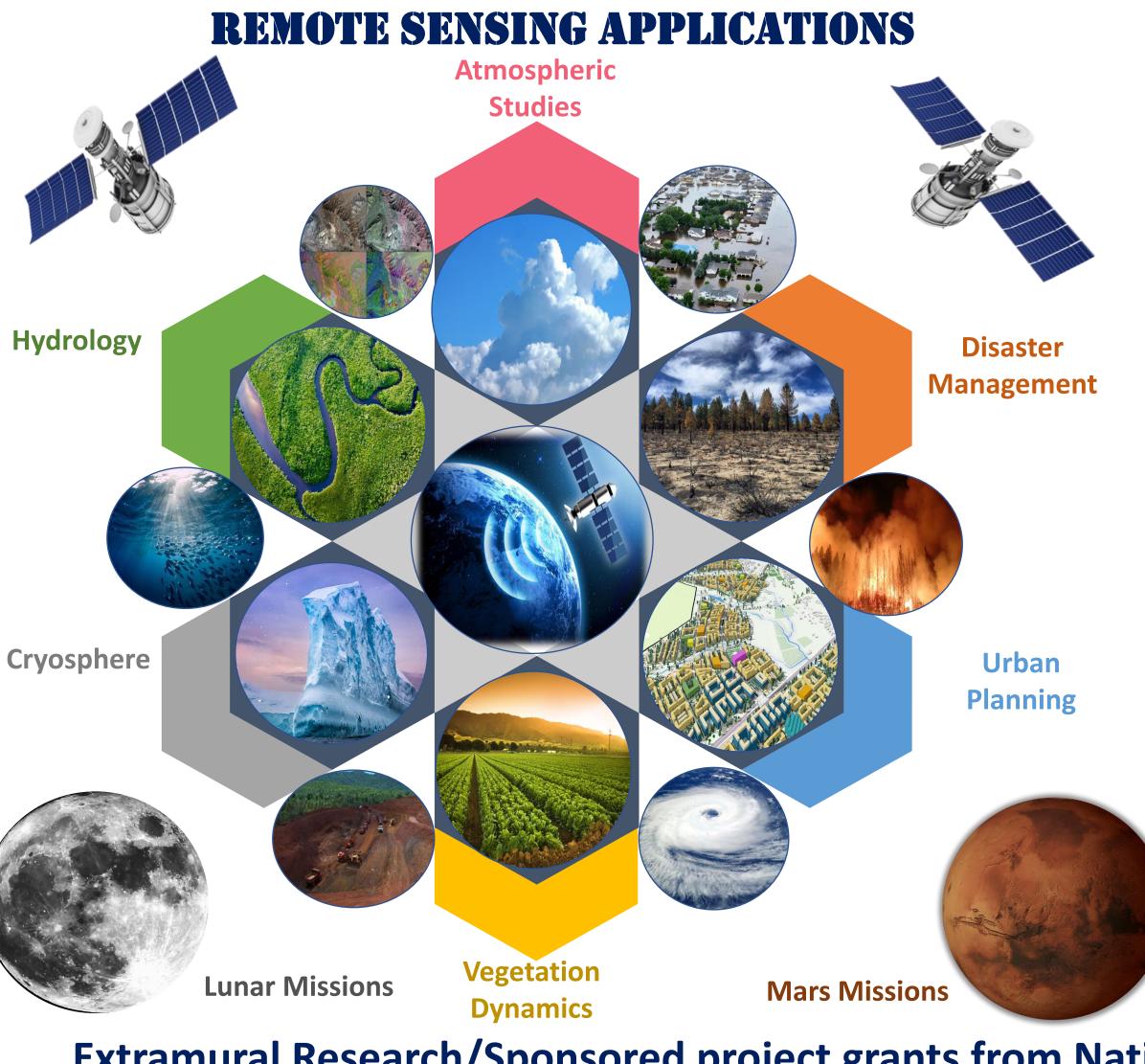
DEPARTMENT AT A GLANCE

- Established in Year 1997
- Department Offers:
 - M.Tech. (Remote Sensing)
 - * M.Sc. (Geoinformatics)
 - Ph.D. (Remote Sensing)
 - ***** EDUSAT Courses



Satellite image of Ranchi City

- DST FIST Level I support (2005-2011)
- UGC SAP Level I support (2007-2012)
- TEQIP Support (Phase 1,2 &3 2011/12 onwards)
- Research Grants Received from various National & International organizations



INSTRUMENTS



Ground Penetrating

LAI Meter

Spectro Radiometer









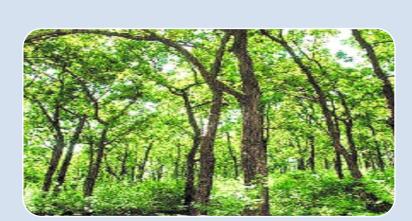




Soil Moisture Probe Handheld GPS Resistivity Meter

UAV

Extramural Research/Sponsored project grants from National & International Agencies: ~12.25 Crores



Terrestrial Remote Sensing No. of Projects - 19



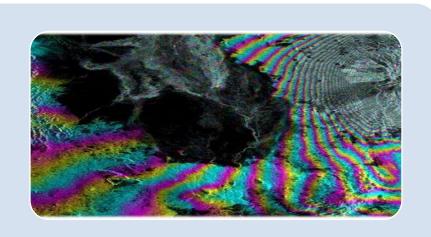
Planetary Remote sensing No. of Projects - 5



Cryosphere Remote Sensing No. of Projects - 2



Atmospheric Remote Sensing No. of Projects - 2



Microwave Remote Sensing No. of Projects - 3

INTERNATIONAL COLLABORATIONS



Aalborg, Denmark





University of Aveiro, Aveiro, Portugal



Poitiers, France Lancaster 🥦 University

University of Lancaster UK

University of Southampton University of

Southampton, UK



Town, South Africa



University of California Santa Barbara, USA



International Water Management Institute (IWMI), Sri Lanka



Nanjing University, China

PROJECTS

Hydrologic budget of the Subarnarekha River Basin (DST-SERB)



Modelling Forest Phenological Parameters (SAC-

Integrated Watershed Mission Project (IWM), Kanke, Ranchi (MoRD, DoLR, Gol & GoJ)

Aerosol measurements over Jaipur (AERONET Campaign by NASA)

Agriculture Ecosystem Products Development Hindu-Kush-Himalaya (ICIMOD Nepal under NASA-SERVIR Himalaya)

Chandrayaan-1 & MOM projects (SAC-ISRO)

FACULTY PROFILE

DISTINGUISHED ALUMNI



Professor & Head



Dr. C. Jeganathan Dean RIE & Professor



Dr. Nilanchal Patel Professor



Dr. V. S. Rathore **Associate Professor**



Dr. Milli Ghosh Nee Lala **Associate Professor**



Associate Professor



Assiatant Professor



Mr. Nitish Kr. Sinha Dr. Richa Sharma System Analyst

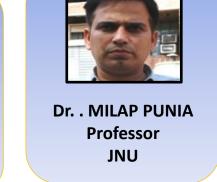


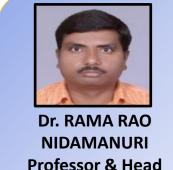
Dr. HINA PANDEY **Scientist-SF** IIRS, Dehradun SAC (ISRO)



Dr. A. BHARDWAJ Scientist-SF IIRS, Dehradun













Mrs. ADRIJA ROY **Geospatial Head** McKinjey, BOSTON, USA

PROJECT SPONSORS:



विज्ञान एवं प्रौद्योगिकी विभाग **DEPARTMENT OF SCIENCE & TECHNOLOGY**









