

Projects/Schemes

Govt. of India, Department of Space funded Projects:

Completed Research Projects:

Sr. No.	Title	Budget Head	Year	Total Budget of Project
1	Calibration and validation of SMAP Soil Moisture over Semi-Arid agricultural patches in Gujarat.	18502-01	2015-2019	7,25,172/-
2	Development of decision support system (DSS) for planning storage infrastructures and supply chain logistics.	18457-86	2017-2019	8,00,000/-
3	Forecasting sugarcane production at mill catchment in Bharuch, Gujarat with remote sensing and ancillary information.	18457-85	2017 2020	4,50,000/-
4	SCATSAT-1 utilization project on Rice productivity from SCATSAT-1 data.	18457-87	2017 -2020	11,00,000/-
5	Crop discrimination and soil fertility assessment using AVIRIS-NG data.	18457-96	2017- 2021	12,80,000/-
6	Evaluating L & S band SAR data for estimation of crop biophysical parameters and soil moisture. (NISAR)	18557-17	2017 -2021	23,00,000/-
			Total	56,65,172/-

Ongoing Research Projects:

Sr. No.	Title	Budget Head	Year	Total Budget of Project
1	“Development of Active- Passive Algorithm for High Resolution Soil Moisture over Bare and Vegetation Covered Soil”	18558-02	2019-till date	19,89,960/-
2	“Spectral Library Development and Spectral Sensitivity Analysis for Multi Crops and Growth Stages”	18558-03	2019-till date	20,47,460/-
3.	Establishment of crop and soil monitoring facility using precision farming system (RKVY)	18559-09	2021-till date	4,71,90,000
4.	Computer Vision and Artificial Intelligence Techniques for Pest and Disease Detection and Grain Quality of Various Crops	12993-25	2023-till date	17,00,000
			Total	5,12,27,420/-