

Details of NRDMS R& D Projects on Geospatial Technologies from 01.04.2015 onwards

S.No.	Project Title	Name of the PI	Total Cost (In lakhs)	Sanction Date	Duration of the Project
1.	Geo-spatial Studies of the Impact of Pollution and Remedial strategies in Ongole coast, South India	Dr. U. Suresh , Assistant Professor, Department of Geology, Sri Venkateswara University, Tirupati-517502, Andhra Pradesh	24.186	9.04.2015	3 years
2.	Integrated study of Dry land agriculture in selected districts of TN using high resolution satellite data	Dr. M. Ramalingam, Principal, Jerusalem College of Engineering, Velachery Main Road, Narayanapuram, Pallikaranai, Chennai-600100	22.70	9.07.2015	2 years No Cost extension up to 31 st March, 2018
3.	GIS, RS and Image processing for Location based services for everyday Essentials – A case study on Srikakulam Municipality	Mrs. K.V. Lalitha Bhavani , Associate Professor, Department of Electronics and Communication Engineering, Aditya Institute of Technology and Management, K.Kotturu, Tekkali-532201	3.99	19.11.2015	1 year
4.	Mapping, Monitoring and conservation of Srikakulam Coastal Wetland ecosystem using GPS, RS & GIS	Prof. (Dr.) Monangi. Murali , Professor, Dept. of Civil Engineering, Dean, R&D, Aditya Institute of Technology and Management (AITAM), K.Kotturu(VI), Tekkali, Srikakulam (Dist.)-532201, Andhra Pradesh	5.97630	30.12.2015	2 years
5.	Geospatial Technology in promoting Recharge in Lower Bhavani Basin in between Bhavanisagar to Bhavani Town, Erode District, Tamil Nadu	Dr. D. Karunanidhi , Associate Professor, Department of Civil Engineering, Sri Shakthi Institute of Engineering and Technology, L&T By-Pass Road, Coimbatore-641062, Tamil Nadu	14.80	31.12.2015	2 years
6.	Super-resolution Mapping Algorithms for Accurate	Dr. C. Heltin Genitha , Associate Professor, Department of	9.31	27.01.2016	2 years

	Estimation of the Capacity of Reservoirs of Chennai City using Satellite Images	Information Technology, St. Joseph's College of Engineering, Jeppiaar Nagar, Old Mahabalipuram Road, Chennai-600119			
7.	Exploration of Psychological Factors related with problem of Education in Tribal Community	Dr. Lalit Kumar Mishra, Assistant Professor, Department of Applied Psychology, Indira Gandhi National Tribal University, Amarkantak (MP)-484886	9.07	27.01.2016	2 years No cost extension till 31.10.2018
8.	Analysis of Environmental Risk Forecast in Trippur Districts	Dr. G. Wisilin Jiji, Professor, Department of Computer Sciences, Dr. Sivanthi Aditanar College of Engineering, Tiruchendur-628215	10.25	23.03.2016	2 years
9.	Identification of Groundwater prospect and recharge zones in District Banda of Bundelkhand region of Uttar Pradesh	Dr. Hemant Kumar Pandey, Assistant Professor, Department of Civil Engineering, Motilal Nehru National Institute of Technology Allahabad (MNNIT), Allahabad-211004, Uttar Pradesh	18.08	1.09.2016	2 years
10.	Watershed Landscape Characterization for Natural Resource Management and sustainable Developmental planning: A study of Vishwamitri of Gujarat, India	Prof. Bindu M. Bhatt, Department of Geography, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara-390002, Gujarat	13.66	13.10.2016	2 years
11.	Estimation of missing values in geo-spatial data	Dr. Binu V S, Associate Professor and Head, Department of Statistics, Level 6- Health Science Library, Manipal University, Karnataka-576104	5.90	13.10.2016	2 years
12.	Development of Drought Monitoring system in India	Dr. T.P Singh, Director & Professor, Department of Geoinformatics, Symbiosis Institute of	29.978	14.10.2016	3 years

		Geoinformatics, 5 th Floor, Symbiosis Institute of Geoinformatics, Atur Centre, Gokhale cross road, Model Colony, Pune-411016			
13.	Assessment of Cyclone Hazard and Vulnerability along Nagapattinam – Karaikal Coast, southeastern India using Geospatial Techniques	Dr. P. Saravanan , Assistant Professor, Department of Geology and Centre for Natural Hazards and Disaster Studies, Guindy Campus, University of Madras-600025	5.96	14.10.2016	2 years
14.	Geospatial study on Coastal Erosion and Mangrove degradation in the Krishna-Godavari Delta Region, Andhra Pradesh, India	Prof. P. Jagadeeswara Rao , Professor, Department of Geo-Engineering & Centre for Remote Sensing, College of Engg. (A), Andhra University, Visakhapatnam-530003	17.82	14.10.2016	2 years
15.	Impact Assessment and Modelling of Ground water, Taranagar Block, Churu District (Rajasthan)	Dr. M. Sheikh , Associate Professor, Geography, Government Lohia PG College, Main Road, Churu-331001, Rajasthan	9.92	17.01.2017	2 years
16.	Impact assessment of heavy metal contamination in Satluj river and its tributaries on soil, water and crops in Punjab using geospatial technology	Dr. R.K. Setia , Scientist SD, Punjab Remote Sensing Centre (PRSC), PAU Campus, Ludhiana-141004, Ludhiana, Punjab Dr. S.S Dhaliwal , Senior Soil Chemist, Department of Soil Science, Punjab Agricultural University (PAU), Ludhiana-141004, Punjab	25.84	10.2.2017	2 years
17.	Addressing Drinking Water Issues in Slums in Greater Mumbai and its mapping using GIS	Dr. Saumya Singh , Adjunct Faculty, SIES Indian Institute of Environment Management, Sri Chandrasekarendra Saraswati Vidyapuram,	10.79	9.03.2017	2 years

		Plot No. 1-E, Sector-V, Nerul, Navi Mumbai-400706			
18.	Soil Loss Estimation of Dwarkeswar River Basin using Remote Sensing and GIS Techniques	Dr. Subodh Chandra Pal , Assistant Professor, Department of Geography, The University of Burdwan, U7A/D-1, Tarabag Campus, The University of Burdwan, Dist Burdwan, West Bengal, Pin-713101	10.7025	7.07.2017	2 years
19.	Urban Heat Island study of selected Indian Cities using Earth Observation Techniques	Dr. Ajanta Goswami , Assistant Professor, Department of Earth Sciences, IIT Roorkee, Roorkee, Uttarakhand-247667	20.0607	28.07.2017	2 years
20.	GIS Mapping of seagrass beds in Pudukkottai and Ramnad Districts in Palk Bay, Tamil Nadu	Dr. V. Balaji , Director, Omcar Foundation, 69, Vendakkottai Road, Pattukkottai (post), Thajavur district, Tamil Nadu-614601	11.82	23.08.2017	2 years
21.	Development of GIS based crime Mapping System	Mr. Shashank Gupta , Assistant Professor, Amity School of Engineering & Technology, Department of Civil Engineering, Amity University, Madhya Pradesh Maharajpura, Gwalior-474005, Madhya Pradesh	11.95	23.08.2017	2 years
22.	Application of Geospatial Technology for Water Resource Assessment and Management in Hard rock areas of Chhatarpur and Tikamgarh districts of Bundelkhand Region: An integrated approaches used in India	Dr. Vineesha Singh , Associate Professor, Department of Earth Science, Barkatullah University, Bhopal (M.P)-422026	16.07	7.09.2017	2 years

23.	Food Processing of the Local Food Products and Linking with the Farmers in Bundelkhand Region	Dr. D.K Bhatt , Assistant Professor, Department of Food Technology, Bundelkhand University, Jhansi-284128	16.60	11.09.2017	2 years
24.	Biogeochemistry and Isotopic study of Water Resources of Bundelkhand Region	Prof. S.P Singh , Department of Geology, Institute of Earth Sciences, Bundelkhand University, Jhansi-284128, Uttar Pradesh	50.00	19.09.2017	2 years
25.	Application of Geo-Spatial Technologies in Monitoring of Soil & Water Micronutrients Distribution & their impact on Crops and Human Health	Dr. Barjesh Kochar , Research Adviser, Mewat Development Society (MDS), H.O. Chharora (Taoru), Mewat-122105	15.00	4.10.2017	2 years
26.	Integrated Approach for Groundwater Assessment and Potential modeling in Hard rock Terrain of Jhansi district of Bundelkhand Region using GWREM-97 and Geospatial Technology	Dr. Shashikant Tripathi , Associate Professor, Centre for Remote Sensing and GIS, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya Chitrakoot, District-Satna (M.P.)-485334	17.13	5.10.2017	2 years
27.	Impact of Surface Water Harvesting Structures on irrigated Agriculture Along the Luni River: An Assessment using Long Term Time series of LANDSAT, LISS and MODIS Images	Dr. Rajesh Bhakar , Lecturer, Department of Geography, Government Dungar College, Bikaner, Govt. Dungar College, Sagar Road, Bikaner-334001	14.372	26.10.2017	2 years
28.	Mapping of Fisheries Resources and Water quality of Important Rivers and Reservoirs of Sikkim	Dr. Basant Kumar Singh , Assistant Professor (S.S.), Aquaculture Engineering, Department of Process and Food Engineering, College of Agricultural Engineering and Post Harvest	11.60	27.11.2017	2 years

		Technology (CAEPHT), Central Agricultural University, Ranipool, Gangtok, Sikkim - 737135			
29.	GIS and Soft Computing Based Land Consolidation System	Dr. Bharat Lohani, Professor, Department of Civil Engineering, IIT Kanpur-208016, Uttar Pradesh	21.06	13.12.2017	2 years
30.	Risk analysis of Encephalitis Disease in Khammam District (Telangana State) and Geospatial Approach for Surveillance	Dr. R. Suthakaran, Vijaya College of Pharmacy, Munganoor (V), via – Sanghinagar post, Hayathnagar (M), Hyderabad – 501511, Telangana	4.934	02.02.2018	1 year, 6 months
31.	Open Source Tool for Land Use Monitoring System using Geo Spatial Data	Mr. R. Parivallal, Assistant Professor,, Department of Computer Applications, Bannari Amman Institute of Technology, Sathyamangalam- 638401, Erode District , Tamil Nadu	5.60	13.02.2018	2 years
32.	Assessment of Portable Ground Water Quality of India Mark II Hand Pump viz-a-viz Delineation of Ground Water Pollution zones in Districts of Mainpuri, Kanpur Dehat, Gorakhpur Uttar Pradesh, India using GPS & GIS Technology	Dr. Arvind Mathur, Scientist ‘SE’, In-charge, Water Laboratory, Soil Resource Division, Remote Sensing Applications Centre, Remote Sensing Applications Centre, Sector – G, Jankipuram, Kursi Road, Lucknow- 226021	17.67990	1.05.2018	2 years
33.	Integrated approach, planning and management for the sustainable development of natural resources in Bundelkhand region	Prof. S.P Singh, Bundelkhand University, NH 25, Jhansi-Kanpur Road, Jhansi, Uttar Pradesh 284128	6.70	1.05.2018	2 years
34.	Integrated Wasteland Management and	Dr. Narayan Chandra Jana, Professor, Department of	0.55	1.05.2018	6 months

	Land Resource Planning in Drought-Prone Puruliya District, West Bengal	Geography, The University of Burdwan, Golapbag, Burdwan-713104, West Bengal			
35.	GIS based spatial mining of soil contamination level in cauvery delta region	Dr. A. Valarmathi , Assistant Professor and Head, Department of Computer Application and Information Technology, Anna University, Bharathidasan Institute of Technology (BIT) Campus, Tiruchirappalli-620024	7.645	28.06.2018	2 years

Sub-Programme on Networking R & D projects on Village Information System (VIS)

S.No	PI Name	Total	Date of Sanction and Duration
Project Title	Development of the framework for networking Programme on “Village Information System (VIS)” under NRDMS		
P1	Dr. Sharda Singh, Himachal Pradesh Agricultural University, Palampur, Himachal Pradesh	Rs.31,61,000/- for each projects	30.12.2015, initially it was sanctioned for the duration of 02 Years then extended up to 31st March, 2019
P2	Dr. H. Hemanth Kumar, Karnataka State Council for Science & Tech. Bangalore, Karnataka State		
P3	Shri M.K. Beg, Council of Science & Technology Raipur, Chattis Ghad		
P4	Dr. Thatiparthi Vijaya Lakshmi, Jawaharlal Nehru Techn. University Hyderabad, Telangana State		
P5	Dr Mehtab Singh, M.D. University, Rohtak, Haryana		
P6	Dr. V.K. Verma, Punjab Remote Sensing Centre Ludhiana, Punjab		
P7	Prof R C Joshi, Kumaun University Nainital, Uttarakhand.		
P8	Dr. K. Srinivasa Raju, Anna University Chennai, Tamilnadu State		
P9	Prof. P. Rama Rao, Andhra University Visakhapatnam, Andhra Pradesh.		
P10	Prof. V. Valli Kumari, Andhra University, Visakhapatnam.		
P11	Prof. Rajendra Prasad Andhra University, Visakhapatnam.		

Sub-Programme on Networking R & D projects on Geospatial Public Health Data Management System (Health GIS)

S.No	Project title	PI name	Total Cost in Rs.	Date of Sanction & Duration
1	Development of an advanced fuzzy-logic based disease model for dengue along with a framework for geospatial public health network”	Dr. Ajit N. Babi, Director, Center for advancement of Global Health (CAGH), Society for advancement of Global Health(SAGH) B 33 Asoka Flats, Marine Drive, Kochi Kerala – 682031 under “Geospatial Public Health Data Management System (GPHDMS)” in Networking mode.	14,95,000/-	08.04.2015 initially it was sanctioned for 2 Yrs. For all the project then extended up to 30 th June, 2017.
2.	“Intelligent Remote Health Monitoring System in Sensor Cloud Environment”	Dr. V. Vaidehi, Director, Anna University, KBC Research Centre, MIT, Anna University, Chromepet, Chennai-600044	16,80,000/-	
3.	“Geospatial epidemiological analysis and disease mapping- A case of application for ENT related diseases with specific reference to Dizziness, Tinnitus, Allergy and Headache”	Dr. Sathavahana Chowdary, Specialist ENT, Department of ENT, Head and Neck Surgery, Cochlear Implant Clinic, Apollo Hospitals, Jubilee Hills, Hyderabad-500096	13,05,000/-	
4.	“Development of Disease Map and Health Care Service for Selected Diseases in Tribal Regions of Gajapati and Rayagada District of Odisha”	Dr. Prof. Dr. M.L. Narashiham, Centurion University of Technology and Management, Paralakhemundi, District, Gajapati-761211, Odisha	13,60,000/-	
5.	“Mapping of demographic, environmental, behavioral, socioeconomic and genetic factors for the cancer incidences in Visakhapatnam district of Andhra Pradesh”	Dr. Sk.KhasimBeebi, department of Biotechnology, Institute of Technology, Gandhi Institute of Technology and Management (GITAM) University, Gandhinagar Campus, rushikonda, Visakhapatnam-530045, Andhra Pradesh	15,20,000/-	
6.	“Interactive Spatial Decision support	Prof. Syed Ashfaq Ahmed, Professor, Department of Geology, Central	14,60,000/-	

	System for Monitoring Public Health in Gulbarga District Using GIS”	University of Karnataka, Kadaganchi, Aland Road, Gulbarga-585311, Karnataka		
7.	“Reducing the Human and Environmental Risks of agricultural Pesticides in Krishna and Guntur Districts: A robust GIS-Based Tool for Priority-Setting”	Prof. M.V. Basaveswara Rao, Professor, Department of Chemistry, Krishna University, Machilipatnam-521001, Andhra Pradesh	12,60,000/-	
8.	“Mapping of ground water quality, its impact on health and geo spatial analysis for part of Thiruvallur town in North Tamilnadu Region”	Dr. Mohammed Ghouse, Dean Research, Geo Information Technology research section, Information Technology Department, Sri Venkateswara College of Engineering and Technology, Anna University, Thirupachur, Thiruvallur-631201, Tamil Nadu	13,60,000/-	
9.	“Spatio-temporal and bioinformtic analysis of Chronic Kidney Disease of unknown cause (CKDu) of Uddanam, Srikakulam District, Andhra Pradesh”	Prof. AllamAppa Rao, Professor and Director, CRRao AIMSCS, UoH Campus, Gachibouli, Hyderabad-500046	15,80,000/-	
10.	“Development of Semantics Driven Geospatial Public Health Management System”	Dr. SunithaAbburu, Department of Computer Applications, Adhiyamaan College of Engineering, Hosur, Tamil Nadu-635109	14,60,000/-	
11.	“Geospatial Governance and Information communication Technology for Disease Mapping, E-Surveillance and Health Care among School Children in a Rural Area of South India”	Dr. Praveen Kumar, Associate Professor, Department of Community Medicine, PES Institute of Medical Sciences and Research, Kuppam-517425, Andhra Pradesh	15,60,000/-	
12.	“Geospatial Mapping of Diabetes, CVD and Cancer Risk Hotspots and study of Risk Assessment”	Dr. Lakhwinder P Singh, Director, International Institute of Health Management Research, Plot-3, HAF Pocket Sector 18 B, Dwarka, New Delhi	15,80,000/-	

13.	“Strengthening surveillance and modeling of selected mosquito borne diseases through process automation of community remote sensing in Pune district, India”	Dr. Shamita Kumar, Vice Principal, Department of Geoinformatics, Institute of Environment Education and Research, Bharati Vidyapeeth University, Pune-411043, Maharashtra	15,20,000/-	
14.	“Geospatial Technology Applications to Public Health”	Dr. Valli Manickam, Administrative Staff College of India (ASCI), Raj Bhavan Road, Hyderabad, Andhra Pradesh-500082	63,20,000/-	

Sub-Programme on Networking R & D projects on Revival of Village Ponds.

S.No	PI Name	Total	Date of Sanction and Duration
Project Title	Networking Projects on Revival of Village Ponds through Scientific intervention		
P1	For coordination of all Networking Projects on Revival of Village Ponds through Scientific intervention” under the theme Managing Water Cycle including Rain Water Storage for Sustain Water Productivity by Prof. S.S.Kukal, Department of soil Science, Punjab Agricultural University(PAU), Ludhiana-141004. Punjab.	For Co-ordination , meeting and review of all the projects Rs.16,28,000/-for P-1. & Rs.28,82,000/- for each projects for P2-P-15	12.05.2017 for duration of 02 Years.
P2	Dr. Manmohanjit Singh, Regional Research Station, Ballawal Saunkhri Punjanb Agaricultural University, P.O. Takarla, The. Balachaur, Distt. SBS Nagar (Punjab)- 144521.		
P3	Dr. Susanta Kumar Jena, Principal Scientist ICAR- Indian Institute of Water Management Opposite Rail Vihar, Chandrasekharpur, Bhubaneswar- 751 023, Odisha.		
P4	Dr. Priya Santra, ICAR- Central Arid Zone Research Institute, Jodhpur, Rajasthan- 342003		
P5	Dr. D.S. Thakur Dean/Chief Scientist, AICRR and dry land Agriculture, Indira Gandhi Krishi Vishwavidyalaya, Raipur (CG), College of Horticultutre and Research Station, Jagdalpur (CG)- 494005.		
P6	by Dr. Anil R. Chinchmalatpure, Principal Scientist and Head, ICAR-		

	Central Soil Salinity Research Institute, Regional Research Station, Bharuch-392012, Gujarat.		
P7	Dr. A.K. Ghosh, Department of Soil Science & Agricultural Chemistry, Institute of Agriculture Science Banaras Hindu University, Varanasi-221005.		
P8	Dr. Vivek M. Arya, Assistant Professor, Division of Soil Science & Agricultural chemistry, Sher- Kashmir University of Agricultural Science & Technology of Jammu (SKUAST- J), Chatha-Jammu- 180009.		
P9	Dr. Susama Sudhishri, Principal Scientist, Water Technology Centre, ICAR-Indian Agricultural Research Institute, Pusa, New Delhi- 110012.		
P10	Dr. Sanjeev K Sandal, Principal Scientist, CSKHPKV Krishi Vigyan Kendra Kangra, Doonga Bazar Kangra (HP) Palampur- 176 062.		
P11	Dr. Tahir Ali, Professor Soil Science, Department of Soil Science, SKUAST-Kashmir-190025.		
P12	Dr. Assis Mukherjee, AICRP on Agrometeorology, Directorate of Research, Bidhan Chandra Krishi Vishwavidyalaya, Kalyani, Nadia, West Bengal-741235.		
P13	T. Thomas, National Institute of Hydrology, Ganga Plains South Regional Centre, Walmi Capmpus, Bhopal- 462016.		
P14	Dr. Jayadeva H.M. Professor of Agronomy, University of		

	Agriculture Sciences, Banglore-560065.		
P15	Dr. Anshiman Kohli, Associate Professor and Senior Scientist,, Department of Soil Science and Agricultural chemistry, Bihar Agricultural University, Sabour- 813 210.		

Sub-Programme on Networking R & D projects on Large Geological and Geotechnical mapping in Uttarakhand.

S.No	Project title	PI name	Total Cost in Rs.	Date of Commencement & Duration
1	High resolution structural and damage zone mapping along Rishikesh - Deoprayag section, Uttarakhand	Prof. Deepak C. Srivastava, Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee 247 667, India	17,12,000/-	01.12.2015 initially it was sanctioned for 2 Yrs. For all the project then extended up to 31 st August, 2018 for the P1 – P10 and coordination for the P11 has been extended up to 30 th November, 2018.
2.	“Large scale geological-geotechnical mapping of vulnerable landslide zones between Srinagar to Rudraprayag along National highway - 58, Uttarakhand”	Dr. Mukta Sharma, Assistant Professor, Geology school of built environment Punjab Institute of Technology, Mohali- 140110	20,60,000/-	
3.	“Large scale geological-geomorphological mapping of Rudraprayag-Sonprayag Area, Mandakini River Valley National highway No., Uttarakhand”.	Dr .R.C. Joshi, Department of Geography, Kumaun University, Nainital-263 002	17,60,000/-	
4.	Large scale geological-geotechnical mapping of vulnerable landslide zones along Sonprayag to Kedarnath and to suggest the preventive measures,”.	Dr. Y. P. Sundriyal, Department of Geology, H N B Garhwal University, Srinagar (Garhwal) - 246174, Uttarakhand	17,60,000/-	
5.	“Large scale geological-geotechnical mapping of vulnerable landslide zones along Srinagar to Rudraprayag National highway, Uttarakhand”.	Dr. Mahesh Thakur, Centre for Advanced Study in Geology, Panjab University, Sector 14, Chandigarh-160014 (U.T.)	18,20,000/-	
6.	“Large scale Geological & Structural mapping between Devprayag and Srinagar (Length- 35 Km) along Rishikesh-	Dr. R. A. Singh, Department of Geology, LSM Govt. P.G. College, GIC Road, Pithoragarh-262502, Uttarakhand	17,60,000/-	

	Kedarnath National highway, Uttarakhand”.			
7.	“Large scale geological-geotechnical mapping of vulnerable landslide zones along Rishikesh-Devprayag National highway, Uttarakhand”.	Dr. Varun Joshi, A-002, University School of Environment Management, Guru Gobind Singh Indraprastha University Sector 16-C, Dwarka, New Delhi 110078.	18,80,000/-	
8.	“Large scale engineering geological mapping of vulnerable landslide zones between Rudraprayag-Sonprayag and Sonprayag-Kedarnath, Garhwal Himalaya.	Dr S. Sarkar, Central Building Research Institute, CBRI, Roorkee-247667.	40,00,000/- (For two components 20 Lakh each)	
9.	“Large scale geological-geotechnical mapping of vulnerable landslide zones from Rishikesh to Kedarnath.”,	Prof. T.N.Singh, Department of Earth Sciences, Indian Institute of Technology Bombay, Powai, Mumbai- 400076, India	55,43,200/-	
10.	“Geotechnical & Structural study between Devprayag and Srinagar (Length-35 Km) along Rishikesh-Kedarnath National highway, Uttarakhand”	Prof. T.N.Singh, Department of Earth Sciences, Indian Institute of Technology Bombay, Powai, Mumbai- 400076, India	18,80,000/-	
11.	“Coordination of Network programme, training/ monitoring/ meetings etc”	Prof. T.N.Singh, Department of Earth Sciences, Indian Institute of Technology Bombay, Powai, Mumbai- 400076, India	20,00,000/-	

Sub-Programme on Networking R & D projects on Landslide Hazard mitigation for North-Eastern Region

S.No	Project title	PI name	Total Cost in Rs.	Date of Start & Duration
1	Geoscientific studies- Geodetic, geological, geomorphological and geotechnical of active landslide	Dr. R.K Hemanta Singh, Assistant Professor, Department of Geology, United College, Lambung, Chandel-795127, Manipur.	25,05,200/-	1 st June, 2018 for duration 2 Years.
2.	Geoscientific studies- Geodetic, geological, geomorphological and geotechnical of active landslide-Forecasting and Prevention	Dr. M. Chandra Singh, Associate Professor, Geology, Department of Geology, Imphal College, Imphal-795 001, Manipur	29,62,536/-	
3.	Geoscientific studies- Geodetic, geological, geomorphological and geotechnical of active landslide	M. Okendro, Assistant Professor, Department of Geology, Imphal College, Imphal, Kwakeithel, Imphal-795001, Manipur	17,57,334/-	
4.	Monitoring of landslide by instrumentation and participatory mapping	Dr. Laldinpunia, Assistant Professor, Department of Geology, Pachhunga University College, Aizawal, Mizoram- 796 001	25,11,430/-	
5.	Landslide risk evaluation of Noklak Town, Nagaland	Dr. Temsulemba Walling, Assistant Professor, Department of Geology, Nagaland University, Kohima Campus, Meriema, Kohima-797004, Nagaland	26,66,500/-	
6.	Numerical Modelling of Nungkao Landslide, NH- 37, Manipur	Dr. Kh. Mohon Singh, Associate Professor, Department of Geology, Imphal College, Kwakeithel, Imphal-795001	29,65,123/-	
7.	Geoscientific Studies – Geodetic, geological, geomorphological and geotechnical of active landslides	Dr. Sujit Kumar Pal, Associate Professor, Civil engineering department, NIT Agartala, Jirania, Agartala, West Tripura-799046, Tripura.	18,54,800/-	
8.	Geoscientific Studies – Geodetic, geological, geomorphological and geotechnical of active landslides	Shri Chabungbam Mangi Khuman, Associate professor, Department of Geology Nagaland University, Kohima Campus, Meriema-797004	22,44,894/-	

9.	Rainfall induced landslide Hazards and Forecast and Prevention	Prof. A Murali Krishna, Department of Civil Engineering, Indian Institute of Technology Guwahati- 781 039	31,09,000/-	
10.	Rainfall induced landslide Hazards and Forecast and Prevention	Dr. Devesh Walia, Professor, Department of Environment Studies, North-Eastern Hill University, Shillong-793 022	26,11,500/-	
11.	Neo-Tectonics and geophysical studies along CMF in Churachandpur, Manipur	Dr. Arun Kumar, Deptt. of Earth Sciences, Manipur University, Imphal – 795003	20,32,300/-	
12.	Capacity building, Overall coordination of various projects under Networking mode in NE India	Dr. Arun Kumar, Deptt. of Earth Sciences, Manipur University, Imphal – 795003	17,27,000/-	

Sub-Programme on R & D projects on Landslide Hazard Mitigation.

S.No	Project title	PI name	Total Cost in Rs.	Date of Sanction & Duration
1.	“Landslide Macrozonation along NH-102 between Pallel to Moreh, Manipur”	Dr. Chirom Gobin Singh, Department of Humanities and Sciences, Manipur Institute of Technology, Takyelpat, Imphal – 795004, Manipur	13,40,000/-	14/04/2015 duration for 2 years
2.	“Slope stability studies in Reservoir Rim Region of Tehri Dam”	Prof. R. Anbalagan, Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee – 247667, Uttarakhand	18,50,400/-	17/04/2015 duration for two years
3.	“Geotechnical characterization of soil /rocks with special reference to active landslide in Mandakini Valley, Garhwal Himalaya”	Dr. Vikram Gupta, Scientist ‘E’ Wadia Institute of Himalayan Geology, 33 GMS Road, Dehradun-248001	21,20,000/-	23/04/2015 duration for two years
4.	“Rockfall prediction and slope stability analysis along NH 58 in Uttrakhand (Rishikesh-Badrinath) and development of new sensor techniques for Rockfall monitoring”	Dr. Vikram Vishal, Department of Earth Sciences, Indian Institute of Technology, Bombay-400076.	36,61,200/-	15/05/2015 duration for 3 years
5.	Representative Rainfall threshold for landslide (Slope Stability Analysis and Slope Monitoring of Hospital Landslide) Complex In Coonoor Taluk, Nilgiri District	Dr. Sujata E Ramani, Centre for Advance Research on Environment, School of Civil Engineering, SASTRA University, Thirumalaisamudram, Thanjavur- 613 401, Tamilnadu	14,92,000/-	12/08/2015 duration for two years
6.	Landslide stability analysis in subzero environment in and around Rohtang Pass or Kasang Hydroelectric Project of Himachal Pradesh, India	Dr. A.K. Verma, Department of Mining Engineering, Indian Institute of Technology, BHU, Varanasi-221005.	49,73,200/-	23/02/2016 duration for three years
7.	The Study of Landslide Related Surface Displacement Using Sar Interferometry on	Prof. S.S. Ramkrishnan Institute of Remote Sensing, Anna University, Chennai-600025	23,77,000/-	02/06/2016 duration for two years

	selected regions by 25kmx25km most vulnerable Landslide affected area of Mandakini valley, Uttaranchal India			
8.	Landslide Hazard Assessment and Monitoring of the chibopashyor (Kalingpong) a nine mile in sikkim Using Wireless Sensor Network	Dr. Neelima Satyam D, Indian Institute of Technology, Indore	28,49,800/-	06/07/2016 for three years
9.	GIS based geological and geotechnical studies of one selective major landslide along indo-Burma Road, NH- 39 in Tengnoupal Khunnou, Chandel District, Manipur and suggestive measures, submitted	Dr. M. Chandra Singh, Geology, Imphal College, Department of Geology Imphal- 795001.	19,50,000/-	12/07/2016 duration for two years
10.	Landslide inventory preparation using multi-temporal SAR interferometry (InSAR)D	Ramji Dwivedi, Assistant Professor, Geographic information system (GIS) cell, MNNIT Allahabad, Motilal Nehru National Institute of Technology, Allahabad-211004, UP	20,44,100/-	21/04/2017 duration for two years
11.	Landslide Prone area mapping- Geospatial approach: A case study of Shimla district, Himachal Pradesh	Dr. C. Prakasam , Associate Professor, Department of Civil Engineering, Chitkara University, Atal Nagar, Barotiwala- Post, Distrcit-Solan Himachal Pradesh-174103.	22,25,000/-	21/04/2017
12.	Research Project Proposal entitled “Semi-Automated framework for preparation of LHZ & LSZ using machine learning techniques	Dr. Dericks Praise Shukla, Assistant Professor, School of Engineering, IIT, Mandi (HP)Kamad, Himachal Pradesh-175005	20,00,000/-	21/04/2017 duration for two years
13.	Geotechnical Investigation of slope stability along korapur-Rayada Railway Track, Odisha	Dr. Sarada Prasad, Pradhan, Assistant Professor, Department of Earth Sciences, Indian Institute of Technology Roorkee, Roorkee, Uttarakhand, India- 247667	21,06,638/-	21/04/2017 duration for two years
14.	Application of the rate, state, temperature and pore pressure	Dr. Arun. K. Singh, Assistant Professor, Mechanical Engg,	13,50,600/-	21/04/2017

	friction(RSTPF) model for rock slope stability and failure hazard assessment	VNIT Nagpur, Nagpur-440010 India		duration for two years
15.	Tomographical study of landslide area in Deccan Basalt hill Slope	Prof. K.H.Singh, Associate Professor, Earth Sciences, IIT Bombay, Powai, Mumbai-400076	12,14,161/-	21/04/2017 duration for two years
16.	Vulnerability analysis of engineered slopes along NH-05, from jeori to Tranda, Himanchal Pradesh, India	Dr. Kripamoy Sarkar, Assistant Professor, Department of Applied Geology, IIT (ISM) Dhanbad-826 004, Jharkhand	28,94,749/-	02/08/2018 Duration for two years
17.	Slope Stability of the road cut slope along the Bhowali-Almorah (Active Landslides), Uttarakhand	Dr. Rajesh Singh, Assistant Professor, Department of Geology, University of Lucknow, U.P- 226007	21,14,580/-	10/08/2018 Duration for two years.

Sub-Programme on State Spatial Data Infrastructure (State-SDIs).

S.No.	Project Title	Name of Institute	Year of Sanction	Duration	Total Approved Cost (in Rs.)
1	Establishment of State Spatial Data Infrastructure (SSDI)- West Bengal	West Bengal State Council of Science & Technology (WBSCST)	2009	5 Years	Rs.11,78,98,000/-
2	Development of Haryana Spatial Data Infrastructure	Haryana Space Applications Centre (HARSAC)	2011	2 Years	Rs. 2,03,00,000/-
3	Development of Standards based Uttarakhand State Geo Portal for Decentralized Governance	Uttarakhand Council of Science and Technology (UCOST), Dehradun	2011	3Years	Rs. 3,75,63,000/-
4	Establishment of J&K State Spatial Data Infrastructure	Jammu & Kashmir State Remote	2012	3Years	Rs. 3,77,71,157/-
5	Odisha Spatial Data Infrastructure	ORSAC, Bhubaneswar, Odisha	2015	3 Years	Rs. 6,50, 02,000/-
6	Jharkhand State Spatial Data Infrastructure (JSDI)	Jharkhand Space Applications Centre (JSAC), Ranchi	2016	3Years	Rs. 1,95,48,768/-
7	Development and Establishment of State Spatial Data	Nagaland Science and Technology Council,	2017	3 Years	Rs. 1,67,09,084/-

	Infrastructure (SSDI) Network in Nagaland	Kohima, Nagaland – 797004			
8	Development of State Spatial Data Infrastructure (SSDI) in Madhya Pradesh	Dept. of Science & Technology, Madhya Pradesh Agency for Promotion of Information Technology, Bhopal	2018	3 Years	Rs.12,15,70,000/-