List of proposals recommended for next level from those received under call for proposals in Geospatial Technologies and Solutions

Sr No	TPN No	Project Title	PI Name	Institute
1	114151	Near Real-Time Grade Wise Detection, Classification, and Estimation of Mineral Inventory with Remote Sensing.	Dr. Srinivas Pasupuleti	Indian Institute of Technology (Indian School of Mines), Dhanbad, Jharkhand
2	114160	Pilot/POC for GeoNTE (Geospatial Network Traversal Engine): AI-Powered Optimization and Spatial Analytics for Enhanced Transportation Networks and Infrastructure Planning	Dr. Janani	National Institute of Technology, Srinagar, J&K
3	112305	G.R.I.D Geospatial Research Infrastructure for Defense	Prof. Salil Goel	Indian Institute Of Technology Kanpur, UP
4	113100	Mitigation of Pilferage based Loss in Walnuts in Forest Regions of Kashmir Valley, Using NavIC based Deep Technology	Dr. Syed Rameem Zahra	Sher E Kashmir University of Agricultural Sciences and Technology, Kashmir, J&K
5	112734	Development of a Novel Model to Monitor the Health of Mango Trees Using SAR Data and UAV-Based Validation	Dr. Prashanth Janardhan	National Institute Of Technology Silchar,

6	112448	Use of Geospatial technologies for Mapping the Healthcare Facilities with respect to Trauma, stroke, and Cardiac Events	Prof. Deepak Agrawal	All India Institute of Medical Sciences, New Delhi
7	114238	PRITHVI- (Platform for Realtime Integrated Technology and Hyperlocal Visual Insights)	Prof. Shamita	Bharati Vidyapeeth Deemed University, Pune
8	114136	Automatic Identification of Rooftops and Creation of Solar Potential Assessment Tool for Solar Panel Installation Using AI/ML amp Aerial LiDAR Data.	Dr. Har Amrit Singh Sandhu	Punjab Engineering College (Deemed To Be University), Chandigarh
9	113794	A Digital Twin for Forecasting, Real-Time Monitoring and Risk-Management of Urban Flooding and Flood Water Quality	Dr. Rajarshi Das Bhowmik	Indian Institute of Science, Karnataka
10	112057	Predictive Spatial Modeling of Vector-Borne Disease Risk in the National Capital Territory of Delhi.	Dr. Himmat Singh	National Institute Of Malaria Research Delhi
11	111589	Advancing Insurance Claims Assessment Near Real-Time Flood Detection and Impact Evaluation via Remote Sensing and Edge Computing	Dr. Ramiya A M	Indian Institute of Space Science And Technology, Thiruvananthapuram
12	114219	DL4DEM Deep Learning Models for DEM Products Applications in Map Generalization and Automated Hazard Inventory Maps	Dr. Jaya Sreevalsan Nair	International Institute of Information Technology Bangalore, Karnataka

13	114222	Development of Digital Twin of Haridwar City for Effective Urban Management using Geospatial Tools	Dr. Siddhartha	Indian Institute of Technology Roorkee, Uttarakhand
14	112007	Enhancing Medicinal Logistics and its Transportation Using Geospatial Technology Jabalpur Division- MP	Mr. Rajesh Shende	M. P. Council of Science and Technology Bhopal, Madhya Pradesh
15	114113	Development of an InSAR-based ground motion monitoring dashboard for disaster management and risk assessment	Dr. Saurabh Vijay	Indian Institute of Technology Roorkee, Uttarakhand
16	114274	A Road Map for Natural Farming by Using Remote Sensing and GIS Techniques to Augment an Eco-friendly Agricultural System - With Special Focus on Bodoland Territorial Region, Goalpara, Lakhimpur, Dhemaji, Majuli, Tinsukia amp Hill Districts of Assam	Dr. Kalyan Pathak	Assam Agriculture University, Assam
17	114379	Preventive Maintenance of Large-Scale Buildings using AI and Drone-based Data	Dr. Sparsh Johari	Indian Institute of Technology Guwahati, Assam
18	114345	Optimizing The Hospital Resource Management through BIM-GIS Integrated Digital Twin Technology	Dr. K Ravikumar	VNR Vignana Jyothi Institute of Engineering and Technology, Telangana

19	113675	UrbanVision Leveraging Drone-Based Computer Vision and Geospatial Technologies for Structural Health Monitoring of Bridges and Urban Infrastructure	Dr. Anitha Sheela	Jawaharlal Nehru Technological University Hyderabad (JNTUH), Telangana
20	114203	Deep Learning Architecture-Based Building's Rooftop Solar Power Generation Capacity Evaluation for Indian Cities	Dr. Sunil Kumar Katiyar	Maulana Azad National Institute of Technology Bhopal, Madhya Pradesh
21	114147	IoT-based Smart Parking Management System Leveraging Geospatial Temporal Database	Dr. Sayak Roychowdhury	Indian Institute of Technology Kharagpur, West Bengal
22	114139	Artificial Intelligence enabled Kharif Season Cropland Mapping and Phenotype Monitoring using Multimodal Temporal Data	Dr. Pritee Khanna	PDPM IIITDM Jabalpur, Madhya Pradesh
23	114348	Smart Agriculture Management System with Remote Sensing Technology to increase area under cultivation, yield and quality of Maize in India	Dr. Pavan Kumar	Rani Lakshmi Bai Central Agriculture University, Jhansi
24	114304	Monitoring and managing apple cultivation through high resolution modern remote sensing and developing a decision support system in the Himachal Pradesh region	Dr. Amit Kumar	CSIR Institute of Himalayan Bioresource Technology, Himachal Pradesh

| 25 | 114381 | Expanding Financial Inclusion through Automated Agricultural Loan Onboarding using Geospatial Technology | Dr. Sriram Nagappan | Tamil Nadu Agricultural University, Coimbatore, Tamilnadu |
| 26 | 114162 | Geospatial Based Route Optimization of Urban Bus Transit System Enhancing Efficiency and Service Delivery to Boost Bus Patronage | Dr. Gunasekaran | Anna University, Chennai, Tamilnadu |