

Vision To enable Geospatial Technology Applications and Solutions to the last mile for Sustainable Rural Development

Mission Design and develop Geospatial Technology Applications for Rural Development for transparency and accountability

Recognition/Awards

- Bagged **Abinav Innovation Award** for Integrated Watershed Management Planning from Minister of Rural Development
- **Best Trainers Award** for Capacity building of GeoMGNREGA from Ministry of Rural Development
- Identified Centre by Ministry of Rural Development for capacity building and application development for flagship programmes
- Identified by MORD and MEA for establishment of CGARD technology centers at various places in India and abroad

Major Achievements – Output

- Monitoring of Rural Roads using Spatial Technology under PMGSY for **1.7 lakh km**
- District Rural Road Development Plan for PMGSY-II for Kerala and Andaman & Nicobar Islands which is input to GRRIS (Geo-Spatial Rural Road Information System) and Bhuvan-PMGSY.
- Capacity building of Geotagging of assets under MGNREGS for Pan India (so far **5.92 crore assets geotagged**)
- E-DPR for Watershed Planning and Management; Watershed evaluation Studies
- Development of Agro-climatic Planning and Information Bank (APIB) in Uttarakhand for three districts
- Organising Post Graduate Diploma in Geoinformatic Applications in Rural Development (PGDGARD) in distance mode

Recent Notable Publications

- Geo-informatics Applications in Natural Resource Management ISBN 978-93-85506-06-2
- Assessment and change detection of selected tanks” in Gurla Mandal, Vizayanagar District using spatial technology published by NIRDPR and Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Special issue of Journal of Rural Development from International conference organized by CGARD.
- Generation of Geo-database on Rural Roads Compatible with C-DAC Specifications and data standards; A Case of Dakshin bholagaon Panchayat, Rani CNRD Block, Kamrup district Assam. ISBN 978-81-951169-8-0

Domains

- Spatial Planning
- Geoinformatic Applications in NRM
- Monitoring & Assessment of RD Programmes
- Application Development & Modelling

Expertise

- Spatial Analysis
- Data Modelling
- Image Processing
- Surveying Technologies - GNSS
- Open Source Technologies
- Geo-statistical analysis
- Mobile based data collection

Publications

- 31 Research Reports
- 29 Articles in International Journals
- 56 Articles in National Journals
- 44 Book Chapters

Network & Collaborations

- MEA
- ISRO
- NIT - Warangal
- ICAR – IIOPR
- FES – Ahmedabad

Team

- Three Faculty (Doctorates)
- Internationally exposed faculty
- Members - Experience up to 29 Years