

“Yuktdhara” Geospatial Planning Portal

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In news- The government has launched a new portal called “Bhuvan Yuktdhara” to aid in the planning of new MGNREGA assets using Remote Sensing and GIS based information.

About Yuktdhara portal-

- Yuktdhara is a geospatial planning portal meant for **facilitating Gram Panchayat level planning of MGNREGA activities across India.**
- This platform is **built by joint efforts of ISRO and Ministry of Rural development** for rural planning in support of decentralized decision making.
- **Portal integrates a wide variety of spatial information** contents to enable a holistic approach towards planning using open source GIS tools.
- Planners will **analyse previous assets under various schemes and facilitate identification of new works using online tools.**
- Plans prepared will be evaluated by appropriate authorities under State Departments.
- Thus, **Yuktdhara based plans will be prepared by grass root functionaries** and verified by appropriate authorities for relevance and resource allocation.
- This would **ensure quality of plan and enable a long term monitoring of the assets** created over the years.
- **This platform will serve as a repository of assets (Geotags) created under** various national rural development programmes i.e. MGNREGA, Integrated Watershed Management Programme, Per Drop More Crop and Rashtriya Krishi Vikas Yojana etc., along with field photographs.
- The name of the portal is very apt as the word ‘Yukt’ is

derived from Yojanam, the planning and 'Dhara' indicates the flow.

Similar initiatives

- GeoMGNREGA- GeoMGNREGA on Bhuvan has received wide acclaim.
- JANMANREGA-A Citizen-centric Mobile Application has helped rural population for providing feedback using Bhuvan services.

Bhuvan portal-

- Bhuvan, is the national Geo-portal **developed and hosted by ISRO** comprising Geo Spatial Data, Services and Tools for Analysis.
- It has many versatile features, (1) Visualization of Satellite Imagery and Maps (2) Analysis (3) Free Data Download and (4) Download Reports to name a few.
- The Satellite Imageries are of Multi-sensor, Multi-platform and Multi-temporal in nature and can be visualized in 2D and 3D.
- Varieties of thematic maps are also hosted for analysis of various natural resources themes.
- Bhuvan platform supports many applications that address Governance and other GeoSpatial applications that are being used by the Central and State Governments Departments, Academia and Industry.