

## Civil Engineering

Preparation of DPR of Railway Siding, Final Location Survey, Techno economic studies, Route location and design and planning of projects of special nature and/ or with complex features, Mass rapid transit systems, Standardization, Research/technical development/innovative design of standard operational and safety manuals and planning of training of staff.

- **Preparation of DPR of Railway Projects**
- **Final Location Survey**
- **Design of structures & bridges**
- **Reconnaissance survey**
- **Traffic Survey**
- **Topographical Survey**
- **Geodetic Survey**
- **Geo Technical Investigation**
- **Drone Survey**

## Photogrammetry:

We offer Photogram metric surveying or photogrammetry by obtaining accurate measurements by use of photographs, for various purposes such as the construction of plan metric and topographic maps, classification of soils, interpretation of geology, acquisition of military intelligence and the preparation of composite pictures of the ground.

## Remote Sensing

Remote Sensing (RS) refers to the science of identification of earth surface features and estimation of their geo-biophysical properties using electromagnetic radiation as a medium of interaction. Land and its properties are therefore the most important natural resource on which a country's developmental activities are dependent. The dependence of economy on land for needs required in process of their sustenance depends on the conservation and improvement of efficiency in utility of land. Land use and Image processing information is critical for a variety of developmental activities. We assist with:

- **Land use / Land cover Mapping**
- **Forest Mapping**
- **D.E.M./D.T.M.**
- **Natural resource mapping**
- **Telecom**
- **Watershed Management**

## Land & Forest Acquisition

Land acquisition is the power of the union or a state government in India to acquire private land for the purpose of development of Road/ Highway, development of infrastructural facilities or urbanisation of the private land, and to compensate the affected land owners for their rehabilitation and resettlement.