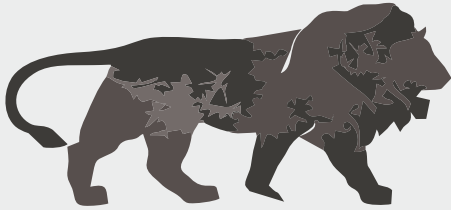
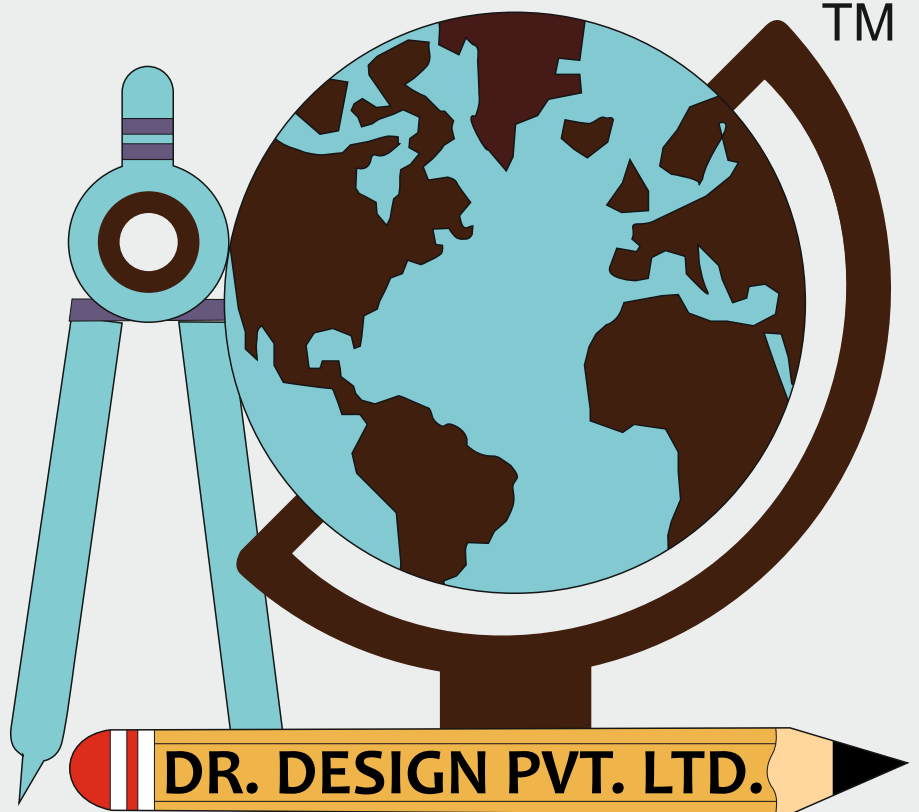


COMPANY PROFILE

#startupindia



MAKE IN INDIA



DIGITAL INDIA

www.drdesignindia.com

DR. DESIGN PVT. LTD.



ABOUT DR. DESIGN

DR. DESIGN PRIVATE LIMITED is a COMPANY headquartered in Dehradun, India. Currently we are serving clients all over India.

We are pioneer in advanced mapping, survey and geospatial services. With the team of 300+ professionals and rich experience, we deliver world-class services in Geographical Information System (GIS), Geospatial Engineering domain, Hydrographic Survey and Aerial Survey (specialized in survey by drone). We have a unique blend of understanding the emerging consumer applications around mapping technology as well as the capability on the enterprise side to offer solutions revolving around state-of-the-art remote sensing; LiDAR, aerial survey, photogrammetry and ICT based e governance solutions. We are one of the largest LiDAR acquisition company and have world class expertise in processing geo-spatial data.

- Registration number: **U45202UR2020PTC011284**
- GSTIN : **05AAHCD8950GIZJ**

DR. DESIGN PRIVATE LIMITED is a company registered under Government Of India and honourable prime minister Narendra Modi ji' **START UP INDIA mission** having **STARTUP INDIA** certificate number **DIPP65517**.

It was recognised as a part of **STARTUP INDIA** on 20-8-2020. It was also recognised as a **MSME** on 27-08-2020 with **UDYAM** registration number : **UDYAM-UK-05-0001216**

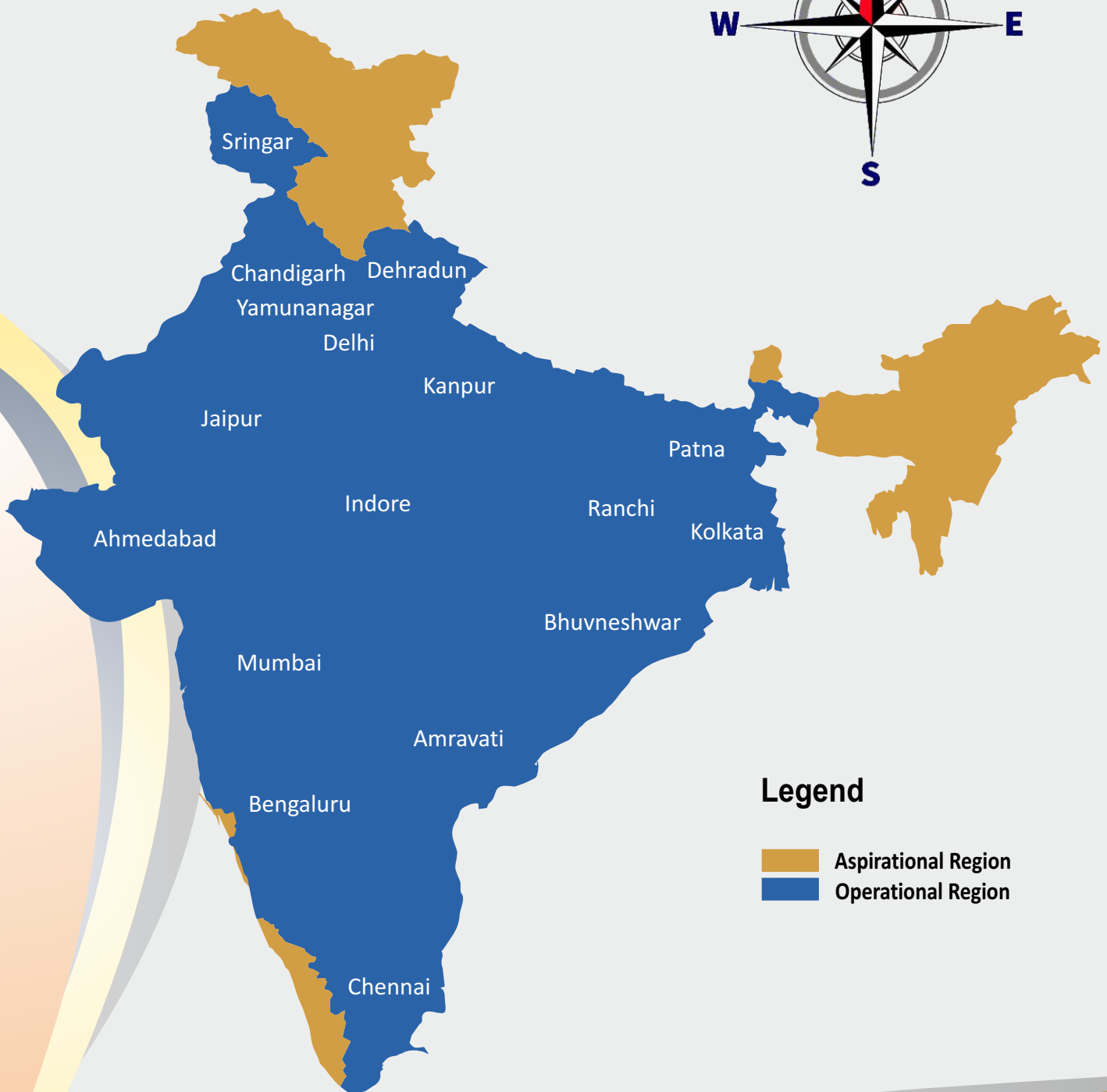
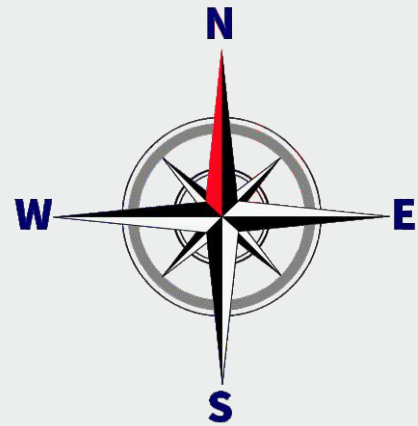


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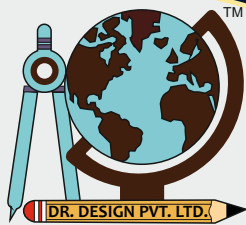


REGIONS OF PRESENCE

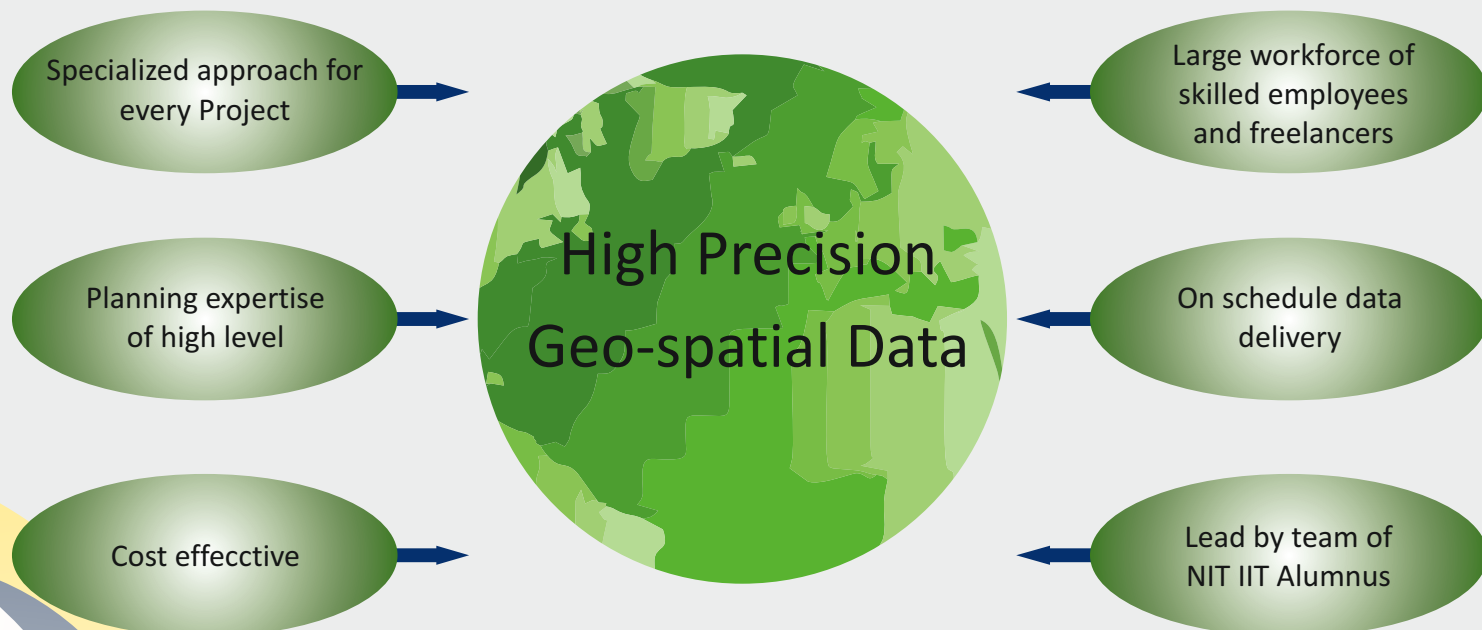


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TURNING DATA INTO INFORMATION THROUGH INTELLIGENT DESIGN



SERVICES WE PROVIDE TO SOLVE REAL WORLD PROBLEMS

- We offer Geo-spatial solutions in various fields like monitoring of any location based service, providing ground controls including spot heights for any green field project, creation of base maps, topographic maps, GIS ready maps, etc.
- We provide layout plans for buildings and establishments with construction design parameters along with BBSs, Material Quantities, man power requirement, estimated completion time etc.
- We suggest project consultancy, either for the entire project or for any part of it, in geospatial domain and structural engineering domain.
- We impart training in construction management and geo-spatial service management. For e.g preparing PIPs, RFPs, BOQs, Work Force management, budgeting, instrument handling, technical survey training, onsite field exposure, etc.
- We provide GIS based services which include storing and editing spatial and non spatial data with proper well defined data model structure, analyse spatial information output and visually sharing the results of these operations by presenting them as maps for particular project.

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OUR EXPERTISE

Photogrammetry

Aerial Triangulation – Orientation and Adjustment of Aerial/Satellite Stereo Pairs, Ortho Photo Generation, 3D City Models using Mono / Stereo Images, Digital Terrain Modeling and 3D Visualization, DEM and Contour generation from Stereo images, Photorealistic 3D Landmarks, Photorealistic 3D Building Data, 3D Geo databases – Stereo Data Extraction – Feature Mapping..



LiDAR

Digital Elevation Model, Land Use Classification, Feature Extraction like buildings, trees, roads, roadside feature, power lines etc. Stereo Data Extraction – Feature Mapping. LiDAR data processing.



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OUR EXPERTISE

DGPS SURVEY

Establishment of highly accurate GNSS coverage zone for accurate and precise Geotagged spatial data.



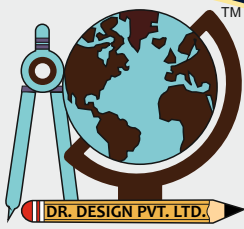
High precision levelling

Differential survey using highly advanced technology to build a reference datum.



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OUR EXPERTISE

Feature extraction

Analysis and editing of spatial information, in addition to composing and exporting graphical maps, we have got expertise in qgis, arcgis, google earth and geo media



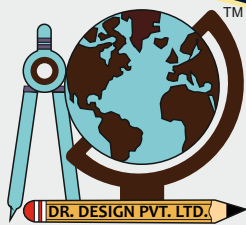
TIDE GAUGE MONITORING

Monitoring of sea level in coastal regions with the help of modern sensors to detect and record the periodic changes.



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OUR EXPERTISE

BIM DEVELOPMENT

Creation of blueprints and layouts for buildings, bridges, tunnels, culverts on any other engineering structures, to propose layouts for pipeline laying we have got expertise in AutoCAD software.



DRONE DATA ACQUISITION

We perform drone data acquisition with high accuracy and careful planning. Execution of the drone flights, as well as proper calibration and correction of the sensor data.



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DATA MANAGEMENT

Dr. Design Pvt. Ltd. has extensive experience in providing data creation and management services. Our end-to-end service portfolio ranges from geospatial data capture, conversion and processing to integration, maintenance and update.

Dr. Design Pvt. Ltd. provides these services using disparate sources like paper maps, pre-existing digital data, field collected information, and multi temporal information across varied digital formats like jpegs, pdf and for use by technology agnostic systems ranging from proprietary to open source.

Our clients include government and private sector end customers who use geo data for direct dissemination or consumption within internal or external facing systems. The datasets are created for delivery across multiple platforms ranging from desktop and web, to mobile and cloud. Our services are offered as either GIS managed data services, staff augmentation in situations/customers where data sensitivity and information security restrictions permit only onsite activities.

DATA MIGRATION

Dr. Design Pvt. Ltd. undertakes services to migrate legacy data, to be use by modern systems and delivery channels. The processes employed for this range from consultancy to turnkey implementation. Dr. Design Pvt. Ltd. offers data migration both as a standalone service and as an integrated part of a wider engagement. Key benefits include:-

- Risk minimization through robust data validation, workflows, and processes.
- Cost control due to reduction in migration efforts.
- End-to-end visibility across tasks and schedules.
- Simplification in migration processes due to built-in methodology and templates.

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DIGITIZATION & MAPPING

Dr. Design Pvt. Ltd. has extensive expertise in providing Digitizing & mapping services to clients worldwide including cartographic styling, text annotation and placement, design and development of map furniture, and preparation of print ready digital outputs. We offer customized solutions to our clients with value added services, such as modifying a geodatabase as per client requirement.

- **Data Development** – Creating map databases involving creation of RAW GDB, and Structure GDB.
- **Cartographic Refinement** – Geometry cleanup, styling, text tidy, annotation and placement.
- **Layout Design and Indexing** – Custom layout creation and preparation of map indexes.



Software used – ArcGis 10.7.1, ArcGis Pro, QGIS, GRASS.

Reference data- G2G (Government to Government),

Output – Geodatabase, Shape Files.

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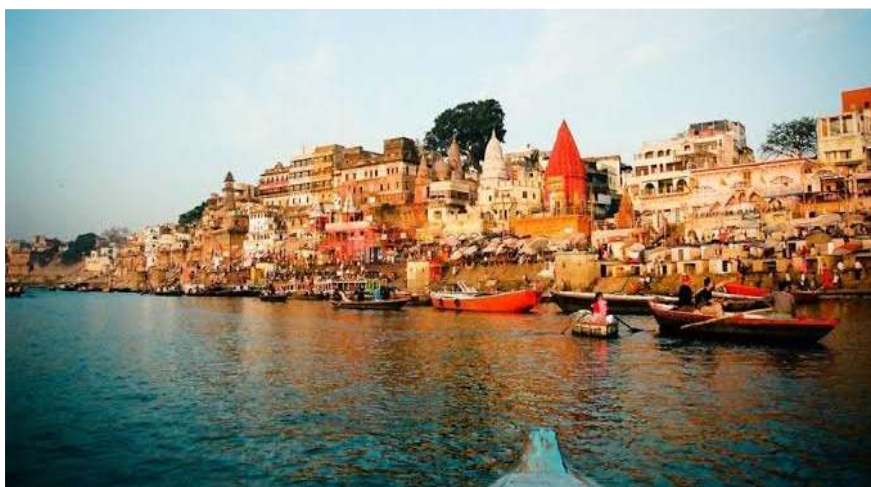
OUR CURRENT ENDEAVOURS



FEATURE EXTRACTION OF NATONAL MISSION FOR CLEAN GANGA

The NMCG facilitate Ganga rejuvenation using GIS. To aide the mission, Survey of India (ministry of Science & Technology) will map the entire stretch of the Ganga using GIS technology and provide high- resolution maps to the government. Further, Survey of India has tasked our 87 resources for generation of High Resolution Digital Elevation Model (DEM) of 0.5 meter resolution and GIS based for the part of River Ganga covering up to 10 km extent on both sides of the river using latest Technology. Dr. Design Pvt. Ltd. intends to complete the job within 26 months. The high-resolution maps helps the government to get minute details of sewage and effluent discharge outlets and identify pollution hot-spots up to 10 km on both sides of the Ganga river. It will help the cleaning authorities to keep a tab on sources of pollution and adopt corrective measures quickly. Here, we are taking care of the Restricted Government data map Geometry Updating , feature extraction, Public Drainage Network (PDN), Geo referencing, contouring, Digital Elevation Model (DEM), Digital Terrain Model (DTM), Digital Surface Model (DSM), LiDar Image processing, Image rectification, Geo-database & shape file management. We are having 8 Data Set & 105 Feature Classes :-

- Communication
- Annotation
- Hydrograph
- Hypsography
- Habitation
- Landuse Landcover
- Administrative boundary
- Others boundaries



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NATIONAL HYDROLOGY PROJECT

The mission of National Hydrology Project (NHP) is to improve water resources planning and design of water-related infrastructures, improve Ground Water Management, reduce vulnerability to and enhanced management of drought and floods, improve management of reservoirs and there by improving hydropower and irrigated agricultural productivity, reduce impact of poor water quality on public health, improve state water policies and regulations and improve awareness on the scarcity and importance of water. Our 56 surveyors are deployed in other specific Surveying locations for High Precision Leveling. Their main objective is to establish or verify or measure the height of specified points relative to a datum.



ROAD UPDATION

Further, Survey of India has tasked our 38 resources to update vector data. Their point of interests are Road, Railway & Hydrology Geographical Features by using G2G Data (Government to Government data) as a reference having details of all Geographical Features all over in India.

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SVAMITVA PROJECT

SVAMITVA (Survey of Villages and Mapping with Improved Technology in Village Areas) scheme is a new initiative of the Ministry of Panchayati Raj. It aims to provide rural people with the right to document their residential properties so that they can use their property for economic purposes.

Survey of India has tasked our 130 resources to Generate a High resolution village maps for Uttar Pradesh, Himachal Pradesh, Rajasthan, Gujarat, Madhya Pradesh, Chattisgarh, Maharashtra, Uttarakhand having different feature classes. Here we are having a Geodatabase that consist 2 Data Sets and 5 Feature Class.

Dataset

- Property
- Transport

Feature class

- Build-up
- Open space
- Hydro-features
- Road polygon
- Road Centre-line

Our clients include government and private sector end customers who use geo data for direct dissemination or consumption within internal or external facing systems. The data sets are created for delivery across multiple platforms ranging from desktop and web, to mobile and cloud. Our services are offered as either GIS managed data services,

Director

Abhishek sharma

DR. DESIGN PRIVATE LIMITED
Abhishek Sharma
Signature

CONTACT

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