CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

Major Scope

❑ To develop a common digital geo-database map that will be used by all departments within the Administration for detailed mapping.

❑ Integration of existing GIS data of DNHPDA and other Departmental spatial and non spatial data

❑ To coordinate with all the Departments and collect all the existing GIS Data and other non spatial data which is to be required to make the database

❑ To conduct minimum two weeks training on GIS including Remote Sensing and Database Management System to the selected officers of various Department for the usage, edit and update of GIS Data.

CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

Project Status

❑ Developed a common Geo-database for all Department of U.T of Dadra & Nagar Haveli.

❑ Collected and Integrated all the existing GIS data of DNHPDA and other Departmental spatial and non spatial data in common Geo-database

❑ Validated the GIS data with Topology correction and other GIS methods

❑ Prepared the various thematic maps for various departments

CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

GIS DATA DETAILS

Sl. No	Dataset	Data Layer	Data Type
1	ADMINISTRATIVE	U.T Boundary	POLYGON
2		Patelad Boundary	POLYGON
3		Village Boundary	POLYGON
4		Pada Boundary	POLYGON
5		Municipal Ward Boundary	POLYGON
6	DEMOGRAPHY	Village wise Population	POLYGON
7	EDUCATIONAL FACILITY	Anganwadi	POINT
8		Primary School	POINT
9		Secondary School	POINT
10		Higher Secondary School	POINT
11		College	POINT
12		IHM	POINT
13		Technical Institute	POINT
14	HEALTH INSTITUTIONS	District Hospital	POINT
15		Sub District Hospital	POINT
16		Community Health Centre	POINT
17		Public Health Centre	POINT
18		Sub Centre	POINT

CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

GIS DATA DETAILS

		66 KV Line	LINE
19		66 KV Line	LINE
20		Overhead Line	POINT
21		Underground Line	POINT
22	ELECTRIC NETWORK	Substation Location	POINT
23		Transformer Location	POINT
24		Street Light Location	POINT
25		Electric Pole Location	POINT
26		PWD Road	LINE
27		Municipal Road	LINE
28	ROAD NETWORK	Panchayat Road	LINE
29		Other Roads	LINE
30		Culvert Location	Line
31		Water Supply Pipeline Network	LINE
32		Tank Location	POINT
33	WATER SUPPLY NETWORK	Air Valve Location	POINT
34		Booster Pump Location	POINT
35		Sluice Valve Location	POINT
36	MUNICIPAL SEWERAGE NETWORK	Sewerage Pipe Line Network	LINE
37		Sewerage Manhole Location	POINT

CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

GIS DATA DETAILS

38	WELL DATA	Bore Well Location	POINT
39		Open Well Location	POINT
40	RELIGIOUS	Temple Location	POINT
41		Church Location	POINT
42		Mosque Location	POINT
43		Burial Ground	POINT
44	PUBLIC BUILDINGS	Head Offices Location	POINT
45		LSGD Office Location	POINT
46		Educational Location	POINT
47		Fire Station Location	POINT
48		Official Residence Location	POINT
49		Cultural Centre Location	POINT
50		Other Building	POINT
51	POLICE STATION	Police Station Location	POINT
52		Police Out Post Location	POINT
53	INDUSTRY DATA	Industrial Location	POINT
54	PARKS AND OPEN SPACE	Dam Location	POINT
55		Garden Location	POINT
56		Ground Location	POINT
57		Museum Location	POINT
58		Park Location	POINT

CREATION OF GIS DATABASE OF ALL DEPARTMENTS OF U.T. OF DADRA AND NAGAR HAVELI

GIS DATA DETAILS

59		**River**	**POLYGON**
60	WATER BODY	River Tributaries	LINE
61		River Tributaries	POLYGON
62		Natural Streams	LINE
63		Canal	LINE
64		Canal	POLYGON
65		Reservoir	POLYGON
66	ELEVATION	Contour Line	Line
67		Digital Elevation Model (DEM)	RASTER