

IIS API Document

Version 2.3.2

26-JUNE-2020

Changes over V2.3.1 :

- Agency Code added to facilitate integration with multiple agencies under one State
- Plot Size is required to be sent in Sq mtr.

- Park attributes -Land details related to size, area, available area etc. are to be entered in Hectares.
- All values that are in percentages, please enter the absolute value only. For ex- 45% should be entered as 45 only.

Steps to PUSH/PULL Data on IIS through Web API

BASE URL :- [https://iis.ncog.gov.in/IIS\\_api/](https://iis.ncog.gov.in/IIS_api/)

Description of WEB API

A) Method : **insertParkDetails** (to insert park details)

API URL	insertParkDetails
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

```
{
  "st_lgc":"24",
  "agcy_code":null,
  "dist_name":"Surat",
  "dist_lgc":"492",
  "dist_cencd":"88888888",
  "sub_dist":"Kamrej",
  "vname":"Kamrej",
  "park_name":"Test 1 Child Park Kamrej",
  "park_sd":"Short Description",
  "land_cat":"2",
```

```
"park_type": "4",
"poll_cat": "Green",
"envtclob": "Yes",
"landsale_m": "123",
"landsale_1": "1234",
"landlease_": "345",
"landlease1": "3456",
"leaserenta": "4567",
"leaseperio": "5",
"totalplots": "220",
"average_si": "54321",
"plotsalloc": "60",
"plots_vaca": "160",
"land_avail": "210",
"total_land": "23456",
"sector": "11",
"mixesSectList": ["1", "2"],
"sub_sector": "Aluminium ",
"nh": "NH 5, NH 122 update 3",
"dist_nh": "34",
"sh": "SH4, SH89",
"dist_sh": "456",
"railst": "Railway Station",
"dist_rails": "123",
"airport": "Airport",
"dist_airpo": "234",
"seaport": "Seaport",
"dist_seapo": "233",
"drytport": "dry port",
"dist_drytp": "23",
"zonal": "Zonal Office",
"dist_zonal": "54",
"police_st": "Police Station",
"dist_polic": "23",
"fire_st": "Fire Station",
"dist_fire_": "345",
"bank": "Bank",
"dist_bank": "33",
"hospital": "Hospital",
"dist_hospi": "45",
"elec_avai": "Yes",
"elec_cap": "11",
"elec_uti": "12",
"water_avai": "Yes",
"water_cap": "22",
"water_uti": "23",
"gas_avai": "Yes",
"gas_cap": "33",
"gas_uti": "34",
"stp_avai": "Yes",
```

```

"stp_cap": "44",
"stp_uti": "45",
"elec_pole_": "Yes",
"powerss_av": "Yes",
"powerss_ca": "55",
"powerss_ut": "56",
"wtp_avai": "Yes",
"wtp_cap": "66",
"wtp_uti": "67",
"ict_avai": "Yes",
"ict_speed": "123",
"swd_avai": "Yes",
"swd_cap": "77",
"swd_uti": "78",
"dha": "Yes",
"pta": "No",
"oth_info": "Any Other Information",
"adm_name": "ASDER",
"adm_desi": "Officer",
"adm_email": "admin@gmail.com",
"adm_phone": "9999999123",
"mkt_name": "MktName",
"mkt_desi": "MktDesig",
"mkt_email": "market@gmail.com",
"mkt_phone": "9999999999",
"project_ur": "http://abcd.xyz",
"url_enquir": "http://enquiry.xyz",
"url_land_a": "http://land_allotment.xyz",
"public_pri": "Public",
"geom": "01010000000F7F03D08E41524044CE34412C3D3A40",
"dist_port": "4542",
"port_name": "fsdfs523",
"data_owner_agency": "ABC Industrial Development Authority",
"hmac": "60d09db289c08ba0e05cf4cc466bd8ab71d9e5bf5761505cefc93f75a471e79
3"
}

```

Description of Sample Input parameter				
Name	Description	Example	Max Length	Data type
st_lgc	State LG Codes	24	2	character varying
agcy_code	Agency Code	It's an optional field. This field is only for the case where there are multiple agencies under State Government. This code is shared with agencies separately.	5	character varying

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dist_name	District Name	Surat	50	character varying
dist_lgc	District Code (LG Code)	492	3	character varying(50)
dist_cencd	Census 2011 District Code	65789	3	character varying
sub_dist	Sub-District	Kamrej	256	character varying
vname	Village	Kamrej	256	character varying
park_name	Name of park	Child Park Kamrej	40	character varying
park_sd	Short Description	A Short Description of the Industrial Park mentioning its facilities, ownership details, external infrastructure, business support services,	50	character varying
land_cat	Land Type	This is to be provided as per the list of Land Category mentioned in <b>Annexure II</b> . Need to Type only <b>key</b> against <b>value</b> e.g. 3 for Industrial Land	50	character varying
park_type	Type of industrial park	This is to be provided as per the list of Park Type mentioned in <b>Annexure II</b> . Need To Type only key against value e.g. 2 for Industrial Area	50	character varying
poll_cat	Pollution Category allowed	The allowed pollution categories in the industrial park are to be mentioned  <ul style="list-style-type: none"> <li>- Red</li> <li>- Orange</li> <li>- White</li> <li>- Green</li> </ul>	20	character varying(50)
envtclob	Environmental Clearance Obtained	The state to share if the environmental clearance has been obtained for the overall park in Yes/No format  <ul style="list-style-type: none"> <li>- Yes</li> <li>- No</li> </ul>	3	character varying(50)
landsale_m	Outright Land Sale Price (in Rs/sq. mtr)	The outright land sale price (in Rs/sqMtr) to be provided within a range of minimum to maximum. Like : Min : _____ to Max : _____	10	numeric DEFAULT 0
landsale_1			10	numeric DEFAULT 0

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landlease_	Lease Premium	The Lease Premium (in Rs/sqMtr) to be provided within a range of minimum to maximum. Like : Min : _____ to Max : _____	10	numeric DEFAULT 0
landlease1			10	numeric DEFAULT 0
leaserenta	Lease Rental	The Lease Rental as a percentage of lease premium	10	numeric DEFAULT 0
leaseperio	Lease Period	Number of years	3	numeric DEFAULT 0
totalplots	Total no of plots	The total number of plots in an industrial park are to be mentioned here.	5	numeric DEFAULT 0
average_si	Average size of plots	The average size of plots in an industrial park are to be mentioned here	10	numeric DEFAULT 0
plotsalloc	Plots already allocated	The number of Allocated plots in an industrial park are to be mentioned here.	5	numeric DEFAULT 0
plots_vaca	Total no of vacant plots	The total number of Vacant/ Unallotted plots in an industrial park are to be mentioned here		numeric DEFAULT 0
total_land	Total land (in hectares)	The total land in an industrial park (in hectares) is to be provided	5	numeric DEFAULT 0
land_avail	Industrial Area Available (in hectares)	The net industrial land available in an industrial park (in hectares) is to be provided	5	double precision
sector	Sector	This is to be provided as per the list of Sectors mentioned in Annexure II. Need To Type only key against value  e.g. 0	50	character varying
mixesSectList	Mixed Sector List	In case the sector of the Industrial Park is falling under "Mixed" category – the State is to send the list of sector applicable for the park mentioned in <b>Annexure II</b> . If any other sector is to be mentioned, the State should mention the additional category. Need To Type only key against value  E.g. ["1","2"]	100	character varying
sub_sector	Sub Sector	Sub Sector can be any specific industrial activity. To be provided as per the State specific list of Industrial Activities. For Ex, if Sector is 11 –	100	character varying(254)

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		Metals , then Sub sector may be entered as text - Aluminium		
nh	National Highway	Like : NH 5, NH 122	50	character varying(254)
dist_nh	Distance from NH (in Km)	To mention the distance of the industrial park/plot from the National Highway as per the GIS mapping	5	numeric DEFAULT 0
sh	State Highway	Like: SH4, SH89	50	character varying(254)
dist_sh	Distance from SH (in Km)	To mention the distance of the industrial park/plot from the State Highway as per the GIS mapping	5	numeric DEFAULT 0
railst	Railway Station	To provide the name of the nearest Railway Station to the industrial park/plot	50	character varying(254)
dist_rails	Distance from Railway Station (in Km)	To mention the distance of the industrial park/plot from the nearest Railway Station as per the GIS mapping	5	numeric DEFAULT 0
airport	Airport	To provide the name of the nearest Airport to the industrial park/plot	50	character varying(254)
dist_airpo	Distance from Airport (in Km)	To mention the distance of the industrial park/plot from the nearest Airport as per the GIS mapping	5	numeric DEFAULT 0
seaport	Seaport	To provide the name of the nearest Seaport to the industrial park/plot	50	character varying(254)
dist_seapo	Distance from Seaport (in Km)	To mention the distance of the industrial park/plot from the nearest Seaport as per the GIS mapping	5	numeric DEFAULT 0
drytport	ICD/Dry port	To provide the name of the nearest dry port/ICD to the industrial park/plot	50	character varying(254)
dist_drytp	Distance from Dry Port/ICD (in Km)	To mention the distance of the industrial park/plot from the nearest dry port/ICD	5	numeric DEFAULT 0
zonal	To mention the name and distance of the nearest Zonal Office from the industrial park	To mention the name and distance of the nearest Zonal Office from the	50	character varying(254)
dist_zonal			5	numeric DEFAULT 0
police_st	To mention the name and distance of the nearest Police	To mention the name and distance of the nearest Police Station from the industrial park	50	character varying(254)
dist_polic			5	numeric DEFAULT 0

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	Station from the industrial park			
fire_st	To mention the name and distance of the nearest Fire Station from the industrial park	To mention the name and distance of the nearest Fire Station from the industrial park	50	character varying(254)
dist_fire_			5	numeric DEFAULT 0
bank	To mention the name and distance of the nearest Bank from the industrial park	To mention the name and distance of the nearest Bank from the industrial park	50	character varying(254)
dist_bank			5	numeric DEFAULT 0
hospital	To mention the name and distance of the nearest Hospital from the industrial park	To mention the name and distance of the nearest Hospital from the industrial park	50	character varying(254)
dist_hospi			5	numeric DEFAULT 0
elec_avai	Electricity/Power availability	Yes/No	3	character varying
elec_cap	Electricity/Power Capacity	Capacity (KVA) – Enter only absolute value	5	numeric DEFAULT 0
elec_uti	Electricity/Power Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
water_avai	Water availability	Yes/No	3	character varying
water_cap	Water Capacity	Capacity (MLD) – Enter only absolute value	5	numeric DEFAULT 0
water_uti	Water Utilization	Utilization (in %) – Enter only absolute value	3	character varying
gas_avai	Gas Line	Yes/No	3	character varying
gas_cap	Gas Capacity	Capacity (MBH)	5	numeric DEFAULT 0
gas_uti	Gas Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
stp_avai	STP	Yes/No	3	character varying
stp_cap	STP Capacity	Capacity (MLD) – Enter only absolute value	5	numeric DEFAULT 0
stp_uti	STP Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
elec_pole_	Electric Pole	Yes/No	3	character varying(254)
powerss_av	Power Sub Station	Yes/No	3	character varying(254)

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powerss_ca	Power Sub Station Capacity	Capacity (KVA) – Enter only absolute value	5	numeric DEFAULT 0
powerss_ut	Power Sub Station Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
wtp_avai	WTP	Yes/No	3	character varying
wtp_cap	WTP Capacity	Capacity (MLD) – Enter only absolute value	5	numeric DEFAULT 0
wtp_uti	WTP Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
ict_avai	ICT	Yes/No	3	character varying
ict_speed	ICT Speed	Speed (Mbps) – Enter only absolute value	5	character varying
swd_avai	Solid Waste Disposal Facility	Yes/No	3	character varying
swd_cap	Solid Waste Disposal Capacity	Capacity (TDP) – Enter only absolute value	5	numeric DEFAULT 0
swd_uti	Solid Waste Disposal Utilization	Utilization (in %) – Enter only absolute value	3	numeric DEFAULT 0
dha	Dormitories/Hostels for workers available	Yes/No	3	character varying(50)
pta	Designated Truck parking available inside the park	Yes/No	3	character varying(50)
oth_info	Other Information	In case the Industrial Park wants to showcase any other information except for the one asked above.	100	character varying(254)
adm_name	Name	To provide the name and contact details of the Official in charge of the Administration of Industrial Park	100	character varying
adm_desi	Designation		50	character varying
adm_email	Phone		10	character varying
adm_phone	Email ID		100	character varying(50)
mkt_name	MktName	To provide the name and contact details of the Official in charge of the Marketing of Industrial Park	100	character varying(254)
mkt_desi	MktDesig		50	character varying(50)
mkt_email	MktE		10	character varying(50)
mkt_phone	MktC		100	character varying(50)



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project_ur	URL/Web Link of relevant information page on State GIS or State IPA website or Industrial Park Website	Mention the website URL/web link of State GIS Map/State IPA website/ Industrial Park Website	200	character varying(254)
url_enquir	URL/Web Link of relevant online link for enquiry	Link for online enquiry	200	character varying(254)
url_land_a	URL/Web Link of relevant online link for land allotment	Link for land allotment	200	character varying(254)
public_pri		Public Private	50	character varying(50)
geom	*GIS Binary	0101000000B1A84F56F15340806863 FED39C2540		geometry
dist_port	To mention the name and distance of the nearest Fire Station from the industrial park		20	double precision DEFAULT 0
port_name			255	character varying(255)
data_owner_a gency	Name of the agency sending data, for Example in case of Gujarat Industrial Development Corporation, users may enter GIDC or entire full form.		200	character varying
hmac	sha256 string (*hmac to be generate as given below)	9b698db94d2b331b0b42cb0f0c1cb16 5392cf88414a01d655e15e0182cca5		

**\* To generate GIS Binary**

<http://3nids.github.io/plaingometryeditor/>

Datum

WGS84

Coordinate Reference System

EPSG 4326

**\*To generate HMAC get sha256 in following order :**

hmac=accessToken+ StateLGC+ DisttLGC+ ParkName+ ParkType+ LandCat

API Response Payload:

Content-Type application/json

Sample Output JSON String:

```
{
  "statusCode": "1",
  "message": "555"
}
```

Description of Sample Output

Tag Name	Description	Example
message	System Generated Park No.	429
statusCode	Status	Success

```
{
  "statusCode": "3",
  "message": "Hmac Key is invalid"
}
```

Description of Sample Output When Fail to insert park details

Tag Name	Description	Example
statusCode	Status	3
message	Hmac Key is invalid	

A) Method : **updateParkDetails** (to update park details)

API URL      **updateParkDetails**

Method	POST
Content-Type	application/json

## Sample Input parameter JSON String

Content-Type	application/json
--------------	------------------

```
{
  "gid":15,
  "st_lgc":"24",
  "agcy_code":null,
  "dist_name":"Surat",
  "dist_lgc":"492",
  "dist_cencd":"88888888",
  "sub_dist":"Kamrej",
  "vname":"Kamrej",
  "park_name":"Test 1 Child Park Kamrej",
  "park_sd":"Short Description",
  "land_cat":"2",
  "park_type":"4",
  "poll_cat":"Green",
  "envtclob":"Yes",
  "landsale_m":"123",
  "landsale_1":"1234",
  "landlease_":"345",
  "landlease1":"3456",
  "leaserenta":"4567",
  "leaseperio":"5",
  "totalplots":"220",
  "average_si":"54321",
  "plotsalloc":"60",
  "plots_vaca":"160",
  "land_avail":"210",
  "total_land":"23456",
  "sector":"2",
  "mixesSectList":["1","2"],
  "sub_sector":" Aluminium Parks",
  "nh":"NH 5, NH 122 update 3",
  "dist_nh":"34",
  "sh":"SH4, SH89",
  "dist_sh":"456",
  "railst":"Railway Station",
  "dist_rails":"123",
  "airport":"Airport",
  "dist_airpo":"234",
  "seaport":"Seaport",
  "dist_seapo":"233",
  "drytport":"dry port",
```

```
"dist_drytp":"23",
"zonal":"Zonal Office",
"dist_zonal":"54",
"police_st":"Police Station",
"dist_polic":"23",
"fire_st":"Fire Station",
"dist_fire_ ":"345",
"bank":"Bank",
"dist_bank":"33",
"hospital":"Hospital",
"dist_hospi":"45",
"elec_avai":"Yes",
"elec_cap":"11",
"elec_uti":"12 ",
"water_avai":"Yes",
"water_cap":"22",
"water_uti":"23",
"gas_avai":"Yes",
"gas_cap":"33",
"gas_uti":"34",
"stp_avai":"Yes",
"stp_cap":"44",
"stp_uti":"45",
"elec_pole_ ":"Yes",
"powerss_av":"Yes",
"powerss_ca":"55",
"powerss_ut":"56",
"wtp_avai":"Yes",
"wtp_cap":"66",
"wtp_uti":"67",
"ict_avai":"Yes",
"ict_speed":"123",
"swd_avai":"Yes",
"swd_cap":"77",
"swd_uti":"78",
"dha":"Yes",
"pta":"No",
"oth_info":"Any Other Information",
"adm_name":"ASDER",
"adm_desi":"Officer",
"adm_email":"admin@gmail.com",
"adm_phone":"99999999123",
"mkt_name":"MktName",
"mkt_desi":"MktDesig",
"mkt_email":"market@gmail.com",
"mkt_phone":"9999999999",
"project_ur":"http://abcd.xyz",
"url_enquir":"http://enquiry.xyz",
"url_land_a":"http://land_allotment.xyz",
"public_pri":"Public",
```

```
"geom": "01010000000F7F03D08E41524044CE34412C3D3A40",  
"dist_port": "343",  
"port_name": "fsdfs523",  
"data_owner_agency": "",  
  
"hmac": "60d09db289c08ba0e05cf4cc466bd8ab71d9e5bf5761505cefc93f75a471e793"  
}
```

\*To generate HMAC get sha256 in following order :

hmac=accessToken+ StateLGC+ DisttLGC+ ParkName+ ParkType+ LandCat

### API Response Payload:

Content-Type	application/json
--------------	------------------

```
{  
  "code": "1",  
  "message": "Record updated successfully",  
  "status": "Success"  
}
```

### Fail Response

```
{  
  "code": "3",  
  "message": "Hmac is not valid",  
  "status": "Fail"  
}
```

B) Method : **GetAllParkNo** (to get all park no)

API URL	GetAllParkNo
Method	POST
Content-Type	application/json

### Sample Input parameter JSON String

```
{
```

```
"StateLGC": "21",
"agcy_code": null,
" hmac": "edbead40bd78e4bade1dd7702652db9a6cd16e321aa03e3676aabae45f276675"
}
```

Description of Sample Input Parameter		
Tag Name	Description	Example
StateLGC	State LG Code	24
agcy_code	Agency Code	It's an optional field. This field is only for the case where there are multiple agencies under State Government. This code is shared with agencies separately.
hmac	Sha256(*hmac to be generate as given below)	uiweuyweyriuwergehbuhi34uhk2j4nf0e8g3434kg4kgig4igm4gjj4mfmrigmgkrngi

**\*To generate HMAC get sha256 in following order :**  
hmac=accessToken+ StateLGC

**API Response Payload:**

Content-Type	application/json
--------------	------------------

```
{
"statusCode": "1",
"message": "Found",
"data": [
{"parkno": "28", "parkname": "MANCHESWAR"},
{"parkno": "31", "parkname": "SARUA"},
{"parkno": "33", "parkname": "BOLANGIR-NID(II)"},
{"parkno": "114", "parkname": "KALINGA NAGAR"},
{"parkno": "2", "parkname": "JEYPORE"},
{"parkno": "3", "parkname": "SUNABEDA(CHAI KAPUR)"},
{"parkno": "1", "parkname": "IID, RAYAGADA"},
{"parkno": "4", "parkname": "TALCHER"},
{"parkno": "5", "parkname": "KORIAN"},
{"parkno": "6", "parkname": "KANGULA"},
{"parkno": "7", "parkname": "GUNDICHAPADA"},
{"parkno": "8", "parkname": "BHUBAN"},
{"parkno": "9", "parkname": "ANGUL"},
{"parkno": "13", "parkname": "BAMPADA"},
{"parkno": "14", "parkname": "CHANCHA"},
{"parkno": "10", "parkname": "BALESWAR"},
{"parkno": "11", "parkname": "BALGOPALPUR"},
{"parkno": "12", "parkname": "BALIAPAL"},
{"parkno": "15", "parkname": "GANESWARPUR"},
{"parkno": "16", "parkname": "PANPANA"},
{"parkno": "22", "parkname": "BADABHUIN(BHAPUR)"},
{"parkno": "23", "parkname": "BHAGABANPUR"},
{"parkno": "24", "parkname": "CHANDAKA/INFOCITY-I/SEZ"},
{"parkno": "17", "parkname": "RAIRANGPUR"},
{"parkno": "19", "parkname": "SRIKONA"},
{"parkno": "29", "parkname": "RAMACHANDRAPUR"},
{"parkno": "80", "parkname": "AMBASAR"},
{"parkno": "18", "parkname": "SOMNATHPUR"},
{"parkno": "20", "parkname": "TAKATPUR"},
{"parkno": "21", "parkname": "MANCHESWAR"},
{"parkno": "25", "parkname": "SARUA"},
{"parkno": "26", "parkname": "BOLANGIR-NID(II)"},
{"parkno": "27", "parkname": "KALINGA NAGAR"},
{"parkno": "28", "parkname": "JEYPORE"},
{"parkno": "29", "parkname": "SUNABEDA(CHAI KAPUR)"},
{"parkno": "30", "parkname": "IID, RAYAGADA"},
{"parkno": "31", "parkname": "TALCHER"},
{"parkno": "32", "parkname": "KORIAN"},
{"parkno": "33", "parkname": "KANGULA"},
{"parkno": "34", "parkname": "GUNDICHAPADA"},
{"parkno": "35", "parkname": "BHUBAN"},
{"parkno": "36", "parkname": "ANGUL"},
{"parkno": "37", "parkname": "BAMPADA"},
{"parkno": "38", "parkname": "CHANCHA"},
{"parkno": "39", "parkname": "BALESWAR"},
{"parkno": "40", "parkname": "BALGOPALPUR"},
{"parkno": "41", "parkname": "BALIAPAL"},
{"parkno": "42", "parkname": "GANESWARPUR"},
{"parkno": "43", "parkname": "PANPANA"},
{"parkno": "44", "parkname": "BADABHUIN(BHAPUR)"},
{"parkno": "45", "parkname": "BHAGABANPUR"},
{"parkno": "46", "parkname": "CHANDAKA/INFOCITY-I/SEZ"},
{"parkno": "47", "parkname": "RAIRANGPUR"},
{"parkno": "48", "parkname": "SRIKONA"},
{"parkno": "49", "parkname": "RAMACHANDRAPUR"},
{"parkno": "50", "parkname": "AMBASAR"},
{"parkno": "51", "parkname": "SOMNATHPUR"},
{"parkno": "52", "parkname": "TAKATPUR"}
]
}
```

```

no": "21", "parkname": "ANLAPATANA"}, {"parkno": "25", "parkname": "GOTHAPATNA"}, {"parkno": "26", "parkname": "CHANDAKA INFOVALLY (GOUDAKASIPUR)"}, {"parkno": "27", "parkname": "JANLA"}, {"parkno": "30", "parkname": "RASUL GARH"}, {"parkno": "32", "parkname": "BABUPALI"}, {"parkno": "34", "parkname": "BEHERA"}, {"parkno": "35", "parkname": "BOLANGIR-NID(I)"}, {"parkno": "36", "parkname": "BARAGARH"}, {"parkno": "37", "parkname": "KESINGA"}, {"parkno": "38", "parkname": "KHARIAR"}, {"parkno": "39", "parkname": "KHARIAR_ROAD"}, {"parkno": "40", "parkname": "KHAKSA"}, {"parkno": "41", "parkname": "KURLUPADA G.C."}, {"parkno": "42", "parkname": "PATANAGARH"}, {"parkno": "43", "parkname": "SANAMULA"}, {"parkno": "44", "parkname": "TITILAGARH"}, {"parkno": "45", "parkname": "ATHAGARH-ANKULA"}, {"parkno": "46", "parkname": "BALABHADRAPUR"}, {"parkno": "47", "parkname": "BODHEI"}, {"parkno": "48", "parkname": "CHOUDWAR"}, {"parkno": "49", "parkname": "JAGATPUR_OL D"}, {"parkno": "50", "parkname": "JAGATPUR_NEW"}, {"parkno": "51", "parkname": "KENDRAPARA"}, {"parkno": "52", "parkname": "NUASASAN"}, {"parkno": "53", "parkname": "PARADEEP (BHITA RGARH)"}, {"parkno": "64", "parkname": "JARAKA"}, {"parkno": "54", "parkname": "PARADEEP"}, {"parkno": "55", "parkname": "RADHADAMODARPUR"}, {"parkno": "56", "parkname": "PARADEEP (UDAYABATA)"}, {"parkno": "57", "parkname": "I-E-PHULBANI"}, {"parkno": "58", "parkname": "PARALAKHEMUNDI"}, {"parkno": "61", "parkname": "BHANJANAGAR"}, {"parkno": "81", "parkname": "BOLANGIR_ZONE-A"}, {"parkno": "59", "parkname": "AUTO NAGAR (HALADIPADAR)"}, {"parkno": "62", "parkname": "BERHAMPUR"}, {"parkno": "82", "parkname": "BOLANGIR_ZONE-B"}, {"parkno": "60", "parkname": "CHHATRAPUR"}, {"parkno": "63", "parkname": "RANJA (BHADRAK)"}, {"parkno": "65", "parkname": "DUBURI_G.C. (KALINGA_NAGAR)"}, {"parkno": "66", "parkname": "KEONJHAR"}, {"parkno": "67", "parkname": "BARBIL"}, {"parkno": "68", "parkname": "COMMERCIAL ESTATE"}, {"parkno": "77", "parkname": "RENGALI"}, {"parkno": "69", "parkname": "MANDIAKUDAR"}, {"parkno": "70", "parkname": "KALUNGA"}, {"parkno": "71", "parkname": "SAMBALPUR (BARAI PALI)"}, {"parkno": "72", "parkname": "JHARSUGUDA IE"}, {"parkno": "91", "parkname": "MUNIGUDA"}, {"parkno": "73", "parkname": "JHARSUGUDA GC"}, {"parkno": "74", "parkname": "ROURKELA"}, {"parkno": "78", "parkname": "BILEIPADA (JODAPAL)"}, {"parkno": "79", "parkname": "BASANTPUR"}, {"parkno": "75", "parkname": "FOOD PARK KHURDA"}, {"parkno": "76", "parkname": "SUNABEDA_KAKI"}, {"parkno": "83", "parkname": "MAT KAMBEDA"}, {"parkno": "98", "parkname": "KANTABANJI"}, {"parkno": "84", "parkname": "I E KHURDA"}, {"parkno": "85", "parkname": "JEMADEI KHURDHA"}, {"parkno": "86", "parkname": "IID KHURDA"}, {"parkno": "87", "parkname": "CUTTACK"}, {"parkno": "88", "parkname": "AMBAPUA"}, {"parkno": "89", "parkname": "DAKABAHALI"}, {"parkno": "90", "parkname": "KANHEIPUR"}, {"parkno": "92", "parkname": "NAYAGARH (SINDURIA)"}, {"parkno": "93", "parkname": "KURKI"}, {"parkno": "101", "parkname": "AMPRO"}, {"parkno": "94", "parkname": "ANDEISAH"}, {"parkno": "95", "parkname": "NIDHIPUR"}, {"parkno": "96", "parkname": "KHOLADWAR"}, {"parkno": "97", "parkname": "KAMAKHYANAGAR"}, {"parkno": "99", "parkname": "BADANINIGAON/PALASHREE"}, {"parkno": "102", "parkname": "RAJGANGAPUR"}, {"parkno": "104", "parkname": "MAHISAPAT"}, {"parkno": "105", "parkname": "MANAMUNDA (N.I.D)"}, {"parkno": "106", "parkname": "RAMDASPUR"}, {"parkno": "100", "parkname": "SAINKUL-EAST-WEST"}, {"parkno": "112", "parkname": "KAPILESWARPUR"}, {"parkno": "103", "parkname": "SUNDARGARH"}, {"parkno": "107", "parkname": "CHHATABAR"}, {"parkno": "108", "parkname": "HARIDAMADA"}, {"parkno": "109", "parkname": "BALARAMPUR"}, {"parkno": "110", "parkname": "BAMANI"}, {"parkno": "111", "parkname": "CHHOTTARAIPUR"}, {"parkno": "113", "parkname": "JAYMANGAL"}]

```

Response When Data Not Found

```
{
  "statusCode": "3",
  "message": "Hmac Key is invalid",
  "data": null
}
```

c) Method : **GetParkDetails** (to get park details)

API URL	GetParkDetails
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

```
{
  "StateLGC": "21",
  "agcy_code": null,
  "ParkNo": "555",
  "hmac": "e5df28e4ba971fe71902f861035c1c476f1b8c5193c061cfd2986c678a616422"
}
```

Description of Sample Input Parameter		
Tag Name	Description	Example
StateLGC	State LG Code	24
ParkNo	System Generated Park No.	4281
agcy_code	Agency Code	It's an optional field. This field is only for the case where there are multiple agencies under State Government. This code is shared with agencies separately.
hmac	Sha256(*hmac to be generate as	uiweuyweyriuwergehbr9g4k2j4nf0e8g3434kg4kgig4igm4gjj4mfmr igmgkrngi



	given below)	
*To generate HMAC get sha256 in following order :		
hmac=accessToken+ StateLGC + ParkNo		

API Response Payload:

Content-Type	application/json
--------------	------------------

```

{"statusCode": "1", "message": "Found", "data": {"gid": "15", "objectid": null, "st_name": "GUJARAT", "st_lgc": "24", "dist_name": "Surat", "dist_lgc": "492", "dist_cencd": "88888888", "sub_dist": "Kamrej", "vname": "Kamrej", "park_name": "Test 1 Child Park Kamrej", "park_sd": "Short Description", "land_cat": "Industrial Land", "land_avail": "210.0", "park_type": "Industrial Estate", "poll_cat": "Green", "envtclob": "Yes", "landsale_m": "123", "landsale_1": "1234", "landlease_": "345", "landlease1": "3456", "leaserenta": "4567", "leaseperio": "5", "totalplots": "220", "average_si": "54321", "plotsalloc": "60", "plots_vaca": "160", "total_land": "23456", "sector": "2", "mixed_sect": "", "mixesSectList": null, "sub_sector": "Sub Sector update 3", "nh": "NH 5, NH 122 update 3", "dist_nh": "34", "sh": "SH4, SH89", "dist_sh": "456", "railst": "Railway Station", "dist_rails": "123", "airport": "Airport", "dist_airpo": "234", "seaport": "Seaport", "dist_seapo": "233", "drytp": "dry port", "dist_drytp": "23", "zonal": "Zonal Office", "dist_zonal": "54", "police_st": "Police Station", "dist_polic": "23", "fire_st": "Fire Station", "dist_fire_": "345", "bank": "Bank", "dist_bank": "33", "hospital": "Hospital", "dist_hosp": "45", "elec_avai": "Yes", "elec_cap": "11", "elec_uti": "12", "water_avai": "Yes", "water_cap": "22", "water_uti": "23", "gas_avai": "Yes", "gas_cap": "33", "gas_uti": "34", "stp_avai": "Yes", "stp_cap": "44", "stp_uti": "45", "elec_pole_": "Yes", "powerss_av": "Yes", "powerss_ca": "55", "powerss_ut": "56", "wtp_avai": "Yes", "wtp_cap": "66", "wtp_uti": "67", "ict_avai": "Yes", "ict_speed": "123", "swd_avai": "Yes", "swd_cap": "77", "swd_uti": "78", "dha": "Yes", "pta": "No", "oth_info": "Any Other Information", "adm_name": "ASDER", "adm_desi": "Officer", "adm_email": "admin@gmail.com", "adm_phone": "9999999123", "mkt_name": "MktName", "mkt_desi": "MktDesig", "mkt_email": "market@gmail.com", "mkt_phone": "9999999999", "project_ur": "http://abcd.xyz", "url_enquir": "http://enquiry.xyz", "url_land_a": "http://land_allotment.xyz", "entry_date": null, "shape_leng": null, "shape_area": null, "plug_play": "", "public_pri": "dist_port": "64523.0", "port_name": "fsdfs523", "data_owner_agency": "", "hmac": null}}
    
```

Response When Data Not Found

```

{
  "statusCode": "3",
  "message": "Hmac Key is invalid",
  "data": null
}
    
```



RESPONSE CODE AND Description

StatusCode	Message	Description
1	<i>SUCCESS</i>	When request successfully completed
0	<i>FAILURE</i>	Any Exception Occur
2	<i>INVALID_PARAMETER</i>	Request Parameter is invalid
3	<i>INVALID_KEY</i>	Hmac Key is invalid
4	<i>NOT_FOUND</i>	Record not found
5	<i>SECTOR_NOT_FOUND</i>	Sector not found

D) Method : `insertPlotDetails` (to insert plot details)

API URL	<code>addPlots</code>
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

Content-Type	application/json
--------------	------------------

```

{
  "st_lgc":"24",
  "agcy_code":null,
  "park_id":"429",
  "plotno":"23423",
  "plotcat":"1",
  "plotsize":"12345",
  "plotrate":"789.90",
  "maincharg":"1234",
  "plotsurno":"1234/APC",

```

```
"owner": "Test Owner Name",
"ownphone": "8888888888",
"ownemail": "admin@gmail.com",
"plotstatus": "2",
"project": "Test ABCD Project",
"st_name": "",
"remark": "",

"geom": "0106000020E61000000200000001030000000100000008000000D0EA37A29
AC651C00FD603035B284540FEFCFB379AC651C0C0503E9F5B284540FFDDDD4D96C65
1C033AC3B284F2845404B7C9CA7A8C651C0C454E9D255284540DEBC3841A8C651C0A
88C5CEC57284540F633B6DCA5C651C034C39CA855284540AAF53664A5C651C0DA78
AA3755284540D0EA37A29AC651C00FD603035B284540010300000001000000050000
006EF831E3ADC651C07CDF57A05528454099FBD7CEADC651C03CFB78E355284540E5
38D293ADC651C0F3699A22542845408FF3B73EAEC651C0E261F284542845406EF831E
3ADC651C07CDF57A055284540",
"hmac": "b912ffa712d1ea468889947611f874eb39893aebbe1d12607c1266801a5048fc0
"
}
```

Industrial Information System 2.0

Field name	PLOT LEVEL ATTRIBUTES	DESCRIPTION OF THE INPUT REQUIRED FROM THE STATE	Nature	Max Length	VALIDATIONS	Data type
plotno	Plot Number	The format may be used as –  Plot Number OR Phase: ____/Sector: ____/Plot number:_____  <b>Comments</b> While most of the States have a Plot Number, States like Haryana have also got Phase and Sector Number accordingly for Haryana, the parameter value returned may be like Parks <b>Phase:I / Sector:53 / Plot no.:30</b>	Mandatory	10	Numeric	character varying(50)
agcy_code	Agency Code	It's an optional column. This column is only for agency. This code shared with agency separately.	5	character varying	agcy_code	Agency Code
plotcat	Plot Type	This is to be provided as per the list of Plot Type mentioned in <b>Annexure II</b> . Need To Type only key against value	Mandatory		Text	character varying(50)
plotsize	Size (in Sq.mtr)	Plot Size to be mentioned in Hectares	Mandatory	5	Numeric	numeric
plotrate	Rate (in Rs/sq mtr)	Rate of Plot to be mentioned in Rs./sq mtr.	Optional	5	Numeric	numeric
maincharging	Maintenance Charges (in Rs/ sq mtr)	Maintenance charges of plot to be mentioned in Rs./sq mtr.	Optional	5	Numeric	numeric
plotsurno	Survey Number	A land survey number, which includes details such as location, shape, size, and the ownership of the land, is a unique number provided by the Survey Department to a particular area of the earth's surface or land.	Optional  Multiple values are possible	8	Numeric, Alpha-Numeric	character varying(100)

Industrial Information System 2.0

		Like: 46/1-H				
owner	Occupant Name/Property Owner	The name of the occupant/property owner of the plot would be required here	Optional	20	Text, Can Include Numeric	character varying(254)
ownphone	Occupant Phone number	Contact number of the occupant/property owner	Optional	10	Numeric/Phone Validation	character varying(50)
ownemail	Occupant Email Id	Contact e-mail address of the occupant/property owner	Optional	30	Email Validation	character varying(50)
plotstatus	<b>Status</b>	This is to be provided as per the list of Plot Status mentioned in <b>Annexure II</b> . Need To Type only key against value	<b>Mandatory</b>	8		character varying(100)
project	Line of Activity/Product Manufactured	To be provided as mentioned by the State in its GIS platform against every allotted plot.	Optional	30	Text	character varying(254)

\*To generate HMAC get sha256 in following order :

hmac=accessToken+ StateLGC+ ParkNo + PlotNo

API Response Payload:

Content-Type	application/json
--------------	------------------

```
{
  "statusCode": "1",
  "message": "116981"
}
```

Fail Response

```
{
  "statusCode": "3",
  "message": "Hmac Key is invalid"
}
```

Description of Sample Output Parameter		
Tag Name	Description	Example
statusCode	Success/Fail	Success/Fail
message	code	1/0

E) Method : **updatePlotDetails** (to update plot details)

API URL	<b>updatePlots</b>
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

Content-Type	application/json
--------------	------------------

```
{
  "gid":166917,
  "st_lgc":"24",
  "agcy_code":null,
  "park_id":"429",
  "plotno":"23423",
  "plotcat":"1",
  "plotsize":"12345",
  "plotrate":"789.90",
  "maincharg":"1234",
  "plotsurno":"1234/APC",
  "owner":"Test Owner Name",
  "ownphone":"8888888888",
  "ownemail":"admin@gmail.com",
  "plotstatus":"2",
  "project":"Test ABCD Project",
  "st_name": "",
  "remark": "",
  "geom":"01010000000F7F03D08E41524044CE34412C3D3A40",
  "hmac":"b912ffa712d1ea468889947611f874eb39893aebe1d12607c1266801a5048fc0"
}
```

*To generate HMAC get sha256 in following order :
hmac=accessToken+ StateLGC+ ParkNo + PlotNo

API Response Payload:

Content-Type	application/json
--------------	------------------

```
{  
  "code": "1",  
  "message": "Record updated successfully",  
  "status": "Success"  
}
```

Fail Response

```
{  
  "code": "2",  
  "message": "Mandatory paramter is missed",  
  "status": "Fail"  
}
```

F) Method : **getAllPlots** (to get all plots)

API URL	<u>GetAllPlots</u>
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

Content-Type	application/json
--------------	------------------

```
{  
  "StateLGC": "21",  
  "agcy_code": null,  
  "ParkNo": "429",  
  "hmac": "1e4b0c391bb3b864f77547721cbafec5fdf61f7848622f0965af6b8d1ef421a"  
}
```

<p>*To generate HMAC get sha256 in following order :</p>
<p>hmac=accessToken+ StateLGC +ParkNo</p>

API Response Payload:

Content-Type	application/json
--------------	------------------

```
{ "statusCode": "1",  
  "message": "Found",  
  "data": [{"plotid": "116981", "plotno": "Test P/12/S24/24"}]}
```

Not Found Response

```
{ "statusCode": "3", "message": "Hmac Key is invalid", "data": null }
```

A) Method : **getPlotDetails** (to get plot details)

API URL	GetPlotDetails
Method	POST
Content-Type	application/json

Sample Input parameter JSON String

Content-Type	application/json
--------------	------------------

```
{  
  "StateLGC": "21",  
  "agcy_code": null,  
  "PlotId": "166917",  
  "hmac": "fbd4d069ea9ee5c0359fae483ee2ce017164dd9bba026ccd3dee76422692d6f5"  
}
```

\*To generate HMAC get sha256 in following order :  
hmac=accessToken+ StateLGC+ PlotId

API Response Payload:

Content-Type	application/json
--------------	------------------



```
{"statusCode": "1", "message": "Found", "data": {"gid": "166917", "id": "0", "park_id": "429", "plotno": "23423", "plotcat": "Commercial Plots", "plotsize": "12345", "plotrate": "789.90", "maincharg": "1234", "plotsurno": "1234/APC", "owner": "Test Owner Name", "ownphone": "8888888888", "ownemail": "admin@gmail.com", "plotstatus": "Vacant", "project": "Test ABCD Project", "entry_date": null, "st_name": "", "remark": "", "geom": "0106000020E610000002000000001030000000100000008000000D0EA37A29AC651C00FD603035B284540FEFCFB379AC651C0C0503E9F5B284540FFDDDD4D96C651C033AC3B284F2845404B7C9CA7A8C651C0C454E9D255284540DEBC3841A8C651C0A88C5CEC57284540F633B6DCA5C651C034C39CA855284540AAF53664A5C651C0DA78AA3755284540D0EA37A29AC651C00FD603035B28454001030000001000000050000006EF831E3ADC651C07CDF57A05528454099FBD7CEADC651C03CFB78E355284540E538D293ADC651C0F3699A22542845408FF3B73EAEC651C0E261F284542845406EF831E3ADC651C07CDF57A055284540", "st_lgc": null, "hmac": null, "st_code": null, "userid": "35", "park_name": null}}
```

Not Found Response

```
{"statusCode": "3", "message": "Hmac Key is invalid", "data": null}
```

## 1. ANNEXURE I

### **LIST OF SECTORS for reference:**

- AUTOMOBILES (*includes Automobile and Auto Components*)
- BIOTECHNOLOGY
- CHEMICALS (*includes chemicals, petrochemicals, Plastics and Allied Products*)
- CAPITAL GOODS (*including precision tools, light engineering, heavy engineering, foundries, machine tools*)
- CONSTRUCTION (*includes construction materials like cement, ceramic, stones etc*)
- DEFENCE AND AEROSPACE MANUFACTURING (*includes Defence Sector Manufacturing, Aerospace and Precision Manufacturing*)
- ELECTRONICS HARDWARE (*includes items under Electronics, Electronic Hardware and ESDM*)
- FOOD PROCESSING (*includes Mega Food Parks, Food Parks, Beverages, etc*)
- GEMS AND JEWELLERY
- IT & ITeS
- LEATHER
- MEDICAL DEVICES
- METALS (*includes Aluminum, Steel and Iron Ore, Steel Re-Rolling and Fabrication/ Fabricated Items*)
- MIXED
- PHARMACEUTICALS (*includes Drugs, Pharma and Bio-Pharma*)
- RENEWABLE ENERGY
- TEXTILES

1. ANNEXURE II

Park Type Tables :-

KEY	Value
1	Coastal Economic Zone
2	Industrial Area
3	Industrial Corridor Node
4	Industrial Cluster
5	Industrial Estate
6	Industrial Park
7	Industrial Region
8	Export Promotion Industrial Parks
9	National Investment and Manufacturing Zones
10	Special Economic Zones
11	Other

Land Category Table :-

KEY	Value
1	Bulk Land/ Open Land
2	Green Area
3	Industrial Land

Sector Table :-

KEY	Value
2	Biotechnology
3	Capital Goods
4	Construction
5	Defence and Aerospace Manufacturing
6	Electronics Hardware
7	Food Processing
8	Gems and Jewellery
9	Leather
10	Medical Devices
11	Metals
12	Renewable Energy
14	Chemicals
15	Mixed
16	Automobiles
17	Textiles
18	Pharmaceuticals
19	Handicrafts
20	IT and ITeS

Plot Category Table :-

## Industrial Information System 2.0

Key	Value
1	Commercial Plots
2	Open/ Green Space/ Buffer Land
3	Water Body
4	Utilities
5	Reserved Plots
6	Industrial Plot

### Plot Status Table: -

Key	Value
1	Allotted
2	Vacant
3	Reserved

For queries, please email to:

To: [amit.bansal2211@digitalindia.gov.in](mailto:amit.bansal2211@digitalindia.gov.in); [vineet.singh@digitalindia.gov.in](mailto:vineet.singh@digitalindia.gov.in)

Cc: [shiv.gupta@digitalindia.gov.in](mailto:shiv.gupta@digitalindia.gov.in) ; [bisagsp28@digitalindia.gov.in](mailto:bisagsp28@digitalindia.gov.in)

\*\*\*\*\*