

MPeDistrict Web Service Platform

(<http://webservices.mpedistrict.gov.in>)

Various Certificate types of Services delivered through MPeDistrict portal has created huge certificate repository which other departments may leverage for online verification of the records and reducing the effort.

A separate platform <http://webservices.mpedistrict.gov.in> has been created for this purpose which is being used by Tribal Department, Technical Education, MPOnline etc for their purpose. Following webservices can be used right now as

1. Caste Certificate Web Service
2. Income Certificate Web Service
3. Domicile Certificate Web Service

1. Caste Certificate Web Service

MPeDistrict Web Services Platform extends use of its Certificate repository for bringing ease in doing business by through various web services. This web service may be used to obtain various Caste related parameters. This web service can be used for SC/ST/OBC/Nomadic/Semi-nomadic castes.

WebService URL :

<http://webservices.mpedistrict.gov.in>

Web methods

GET/POST/SOAP

Input Parameters:

Each request to fetch the certificate must contain following 5 parameters.

S.No.	Parameter Name	Description
1	Reg_No	Registration Number of Certificate
2	Disposal_Date	Disposal Date as printed on Certificate (DD/MM/YYYY)
3	Org	Organization id is shared by us which identifies unique portal using MPeDistrict webserivce platform.
4	timestamp	Current timestamp in ddMMyyyyHHmmss (Server timestamp is also to be shared in ddMMyyyyHHmmss format. Pl. note that Server time must be in any NTP server so that correct timestamp is generated.)
5	token	MD5(above_timestamp+key) (A unique key is also shared by us in offline manner which is used to generate the token which is unique for every request.)

Note : Registration number of Certificate and its issuance date as printed on it are required for two factor validation.

Output Parameters:

Once the request is received and verified successfully errorCode '0' . The following parameters are returned in the same XML. Sample Output format is given below

```
<Response errorCode="0" errorDescription="SUCCESS">
  <Reg_No> 0</Reg_No>
  <Name_H></Name_H>
  <Name_E></Name_E>
  <FName_H></FName_H>
  <FName_E></FName_E>
  <MName_H></MName_H>
  <MName_E></MName_E>
  <Category_E>SC/ST/OBC</Category_E>
  <Category_H>अनुसूचित जाति/अनुसूचित जनजाति/पिछड़ा वर्ग</Category_H>
  <Caste_Code_in_State_List></Caste_Code_in_State_List>
  <Caste_Name_H></Caste_Name_H>
  <Caste_Code_in_Centre_List></Caste_Code_in_Centre_List>
  <Caste_Name_E> </Caste_Name_E>
  <MigrationCase>Yes/NO</MigrationCase>
  <Certificate_URL>Certificate_URL</Certificate_URL>
</Response>
```

</Response>

In case of Failure following response is received

```
<Response errorCode="-1" errorDescription=" "/>
```

Description of XML Field is given as below:

Field Name	Description
Reg_No	Registration Number
Name_H	Name in Hindi
Name_E	Name in English
FName_H	Father name in Hindi
FName_E	Father name in English
MName_H	Mother name in Hindi
MName_E	Mother name in English
Category_E	Caste category in English
Category_H	Caste category in Hindi
Caste_Code_in_State_List	Caste code in State wise Caste list
Caste_Name_H	Caste name in Hindi
Caste_Code_in_Centre_List	Caste code In caste central List
Caste_Name_E	Caste Name in English
District_Name_E	District Name in English
District_Name_H	District Name in Hindi
CertUrl	Certificate URL
MigrationCase	Yes/No

Caste Certificate Web Service Summary

<u>Service URL</u>	http://webservices.mpedistrict.gov.in/webservices/edistrictpaas.asmx/getCaste
<u>Service Description</u>	This webservice may be used to obtain various Caste related parameters. The same web service can be used for SC/ST/OBC/Nomadic/Semi-nomadic castes.
<u>Header Value</u>	GET
<u>Input parameters</u>	Reg No, Disposal Date, Org, timestamp (ddMMyyyyHHmss), token
<u>Input parameter type – JSON/XML</u>	QueryString
<u>Output parameters</u>	Reg No,Name H,Name E,FName H,FName E,MName H, MName E,Category E,Category H,Caste Code in State List,Caste Name H,Caste Code in Centre List,Caste Name E ,District Name E,District Name H,CertUrl, Migration Case
<u>Output parameter type – JSON/GeoJSON/XML/CSV</u>	XML
<u>Owner Department</u>	GAD
<u>Service Category – Restricted / Open</u>	restricted
<u>Test URL</u>	http://webservices.mpedistrict.gov.in/webservices/edistrictpaastest.asmx/getCaste
<u>Public URL</u>	http://webservices.mpedistrict.gov.in/
<u>Approx Packet size of per record (KB)</u>	2KB

2. Income Certificate Web Service

MPeDistrict Web Services Platform extends use of its Certificate repository for bringing ease in doing business by through various web services.

WebService URL :

<http://webservices.mpedistrict.gov.in>

Web methods

GET/POST/SOAP

Input Parameters:

Each request to fetch the certificate must contain following 5 parameters.

S.No.	Parameter Name	Description
1	Reg_No	Registration Number of Certificate
2	Disposal_Date	Disposal Date as printed on Certificate (DD/MM/YYYY)
3	Org	Organization id is shared by us which identifies unique portal using MPeDistrict webserivce platform.
4	timestamp	Current timestamp in ddMMyyyyHHmmss (Server timestamp is also to be shared in ddMMyyyyHHmmss format. Pl. note that Server time must be in any NTP server so that correct timestamp is generated.)
5	token	MD5(above_timestamp+key) (A unique key is also shared by us in offline manner which is used to generate the token which is unique for every request.)

Note : Registration number of Certificate and its issuance date as printed on it are required for two factor validation.

Output Parameters:

Once the request is received and verified successfully errorCode '0' . The following parameters are returned in the same XML. Sample Output format is given below

```
<Response errorCode="0" errorDescription="SUCCESS">
  <Name></Name>
  <FName></FName>
  <Address> </Address>
  <Annual_Income></Annual_Income>
  <District_Name_E> </District_Name_E>
  <District_Name_H> </District_Name_H>
  <Certificate_URL>Certificate_URL>
</Response>
```

In case of Failure following response is received

```
<Response errorCode="-1" errorDescription=""/>
```

Description of each XML Field is given as below:

Field Name	Description
Name	Name
FName	Father name
Address	Address
Annual_Income	Annual Income
District_Name_E	District Name in English
District_Name_H	District Name in Hindi
Certurl	Certificate URL

Income Certificate Web Service Summary

Service URL	http://webservices.mpedistrict.gov.in/webservices/edistrictpaas.aspx/getIncome
Service Description	This webservice may be used to obtain various Income Certificate related parameters.
Header Value	GET
Input parameters	Reg_No, Disposal_Date, Org, timestamp (ddMMyyyyHHmmss), token
Input parameter type – JSON/XML	QueryString
Output parameters	Name, FName, Address, Annual_Income, District_Name_E, District_Name_H, Certurl
Output parameter type – JSON/GeoJSON/XML/CSV	XML
Owner Department	GAD
Service Category – Restricted / Open	restricted
Test URL	http://webservices.mpedistrict.gov.in/webservices/edistrictpaastest.aspx/getIncome
Public URL	http://webservices.mpedistrict.gov.in/
Approx Packet size of per record (KB)	2KB

3. Domicile Certificate Web Service

MPeDistrict Web Services Platform extends use of its Certificate repository for bringing ease in doing business by through various web services.

WebService URL :

<http://webservices.mpedistrict.gov.in>

Web methods

GET/POST/SOAP

Input Parameters:

Each request to fetch the certificate must contain following 5 parameters.

S.No.	Parameter Name	Description
1	Reg_No	Registration Number of Certificate
2	Disposal_Date	Disposal Date as printed on Certificate (DD/MM/YYYY)
3	Org	Organization id is shared by us which identifies unique portal using MPeDistrict webserivce platform.
4	timestamp	Current timestamp in ddMMyyyyHHmss (Server timestamp is also to be shared in ddMMyyyyHHmss format. Pl. note that Server time must be in any NTP server so that correct timestamp is generated.)
5	token	MD5(above_timestamp+key) (A unique key is also shared by us in offline manner which is used to generate the token which is unique for every request.)

Note : Registration number of Certificate and its issuance date as printed on it are required for two factor validation.

Output Parameters:

Once the request is received and verified successfully errorCode '0' . The following parameters are returned in the same XML. Sample Output format is given below

```
<Response>
  <Name> </Name>
  <FName></FName>
  <Wname></Wname>
  <District_Name_E></District_Name_E>
  <District_Name_H></District_Name_H>
  <Children/>
  <Certificate_URL> </Certificate_URL>
</Response>
```

In case of Failure following response is received

```
<Response errorCode="-1" errorDescription=""/>
```

Description of each XML Field is given as below:

Field Name	Description
Name	Name
FName	Father name
Wname	Wife Name
District_Name_E	District Name in English
District_Name_H	District Name in Hindi
Certurl	Certificate URL
Children Details :	
Child_Name	Child Name
Child_Age	Child Age

Domicile Certificate Web Service Summary

Service URL	http://webservices.mpedistrict.gov.in/webservices/edistrictpaas.asmx/getDomicile
Service Description	This webservice may be used to obtain various Domicile Certificate related parameters.
Header Value	GET
Input parameters	Reg_No, Disposal_Date, Org, timestamp (ddMMyyyyHHmmss), token
Input parameter type – JSON/XML	QueryString
Output parameters	Name , FName, Wname, Children, Child_Name, Child_Age, District_Name_E, District_Name_H, Certurl
Output parameter type – JSON/GeoJSON/XML/CSV	XML
Owner Department	GAD
Service Category – Restricted / Open	restricted
Test URL	http://webservices.mpedistrict.gov.in/webservices/edistrictpaastest.asmx/getDomicile
Public URL	http://webservices.mpedistrict.gov.in/
Approx Packet size of per record (KB)	2KB

