

## Login / Sign Up Screen

One account. All of NTPC.

Auth: Developer Page

Sign In / Sign Up for New User


Enter Your email

@ntpc.co.in

MORE OPTIONS

NEXT

You will be redirected to app after successfull login.



One account. All of NTPC.

Auth: PPM Website

Sign In / Sign Up for New User


Enter Your email

@ntpc.co.in

MORE OPTIONS

NEXT

You will be redirected to app after successfull login.



One account. All of NTPC.

Auth: OS JV App

Sign In / Sign Up for New User


Enter Your email

@ntpc.co.in

MORE OPTIONS

NEXT

You will be redirected to app after successfull login.



Enter Password:

# One account. All of NTPC.

## Auth: Developer Page

### Enter Password

Your email Not you?

vinodkotiya@ntpc.co.in

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Enter Password

---

LOG IN

Forgot Password

*Existing User. Enter Password*

You will be redirected to app after successfull login.

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NTPC

Register Your App:

# One account. All of NTPC.

## Auth: NTPC Developer Page

Register Your App :  
vinodkotiya@ntpc.co.in

Select your registered app ▼

Your App Name

PPM Website

Your Website/App URL

http://10.0.236.165/ppm

Your Redirection URL after Login

http://10.0.236.165/ppm/login.aspx

SIGN UP

App ID

App Secret

Example:

"Call the SSO Login with your appid  
Response.Redirect("https://cc.ntpc.co.in/sso/De  
appid=12343218")

It will generate App ID & App Secret for your App. You have to keep it with your self.

App ID shall be used for calling SSO Login Page and App secret will be used to decrypt the email id and Emp no after succesfull login.

Select your registered app ▼

Your App Name

PPM Website

Your Website/App URL

http://10.0.236.165

Your Redirection URL after Login

http://10.0.236.165/login.aspx

SIGN UP

App ID

12343224

App Secret

eviO4gyaDpd1Em3pzdJJ/T0ePdESd

Example:

"Call the SSO Login with your appid  
Response.Redirect("https://cc.ntpc.co.in/ssso/De  
appid=12343218")

"Catch the autorised login credential as follows  
using your app secret  
If Request.Form.Count > 0 Then  
Dim appsecret =  
"wSISKY2/p8j4P1iyqppUEhhvWfFfzqi/WlrqHbr+1  
Session("eid") = Decrypt(Request.Form("eid"),  
appsecret)  
Session("email") =

App secret can be changed anytime by selecting you registered app from Drop Down.

## Auth: NTPC Developer Page

Register Your App :  
vinodkotiva@ntpc.co.in

PPM Website ▼

test  
OS JV App  
Developer Page  
PPM Website  
Select your registered app

Your Redirection URL after Login

<http://10.0.236.165/login.aspx>

[UPDATE](#)

App ID

12343224

App Secret

eyi04gyaDpd1Em3pzdJJ/T0ePdESd

Example:

```
"Call the SSO Login with your appid  
Response.Redirect("https://cc.ntpc.co.in/sso/De  
appid=12343218")
```

User registration through OTP on email & SMS

# One account. All of NTPC.

## Auth: Developer Page

### Sign Up

Your email

vinodkotiya@ntpc.co.in

Your Phone

09650990024


Password

Retype Password

SIGN UP

*New User. Please Register*

You will be redirected to app after successfull login.



On Sign up it verify with OTP sent on email / phone on first login attempt:

# One account. All of NTPC.

## Auth: Developer Page

### OTP

Your email [Not you?](#)  
**vinodkotiya@ntpc.co.in**

---

Enter OTP sent on email/phone


---

VERIFY

Resend OTP

*OTP Sent to your mobile number 9650990024*  
*OTP Sent to your email vinodkotiya@ntpc.co.in*

You will be redirected to app after successfull login.



Login request:

"Call the SSO Login with your appid

Response.Redirect("https://cc.ntpc.co.in/sso/Default.aspx?appid=12343218")

Catch Authentication credential after login:

"Catch the authorised login credential as follows using your app secret

If Request.Form.Count > 0 Then

Dim appsecret = "wSISKY2/p8j4P1iyqppUEhhvWfFfzqi/WhhlrqHbr+1rQ="

Session("eid") = Decrypt(Request.Form("eid"), appsecret)

Session("email") = Decrypt(Request.Form("email"), appsecret)

End If

Decryption function using App Secret:

```
Imports System.Security.Cryptography
```

```
Public Shared Function Decrypt(cipherText As String, ByVal EncryptionKey As String As String
```

```
    'If System.Web.HttpRuntime.Cache("marks" & cipherText) Is Nothing Then
```

```
    Dim cipherBytes As Byte() = Convert.FromBase64String(cipherText)
```

```
    Using encryptor As Aes = Aes.Create()
```

```
        Dim pdb As New Rfc2898DeriveBytes(EncryptionKey, New Byte() {&H49, &H76, &H61, &H6E, &H20, &H4D, &H65, &H64, &H76, &H65, &H64, &H65, &H76})
```

```
        encryptor.Key = pdb.GetBytes(32)
```

```
        encryptor.IV = pdb.GetBytes(16)
```

```
        Using ms As New MemoryStream()
```

```
            Using cs As New CryptoStream(ms, encryptor.CreateDecryptor(), CryptoStreamMode.Write)
```

```
                cs.Write(cipherBytes, 0, cipherBytes.Length)
```

```
                cs.Close()
```

```
            End Using
```

```
            cipherText = Encoding.Unicode.GetString(ms.ToArray())
```

```
        End Using
```

```
    End Using
```

```
    ' System.Web.HttpRuntime.Cache.Insert("marks" & cipherText, cipherText, Nothing, DateTime.Now.AddHours(12.0), TimeSpan.Zero)
```

```
    'End If
```

```
    Return cipherText
```

```
End Function
```

PHP Equivalent: