
How to register and validate Digital Signature Certificate (DSC) in e-Pension login

- [September 18, 2019](#)

e-Pension West Bengal wbepension DSC Registration DSC Validation

How to register and validate Digital Signature Certificate (DSC) in e-Pension login

e-Pension online submission using Digital Signature Certificate (DSC) - WB e-Pension

For online submission of employees' e-Pension file of the non-Government aided and Recognized Educational Institutions

(Excluding D.A. getting schools) of West Bengal through [e-Pension Portal](#), it is necessary to first submit online copy (consisting of Part A, B, C, D, E and Annexure - I) of pension file from "Head of the Institution" ([HOI](#)) login by using the "Digital Signature Certificate (DSC)". It is to be noted that the Head of the institution i.e., Headmaster/Headmistress/Teacher-in-Charge will be the sole owner of the "Digital Signature Certificate (DSC)" and the [HOI](#) login (e-Pension Portal) of the school.

The alternative way to submit the online pension file from [HOI](#) login to Pension Sanctioning Authority (PSA) under the District Inspector of Schools (DI/S) login is by using One Time Password (OTP). Using One Time Password (OTP) method, the process becomes much easier to validate your identity and digitally signed the online papers, but the problems with this method is that you have to request for OTP from [HOI](#) login repeatedly after a certain time (one month or less) period and there is no certainty that your request for OTP will be accepted by DI/PSA each time as you already have a valid DSC. Later I will discuss about OTP verification method in another post.



Using Digital Signature Certificate (DSC), the method for sending e-Pension online files from [HOI](#) login to DI/PSA login is slightly difficult but more secure. In this process, your school's computer must have required some

certain software set up (I will explain in detail what type of setup you need before using DSC) to validate your identity and signed digitally the online e-Pension file. In this method, you don't have to depend on the DI/PSA for sending your e-Pension online file. In this method, you have the full control of your e-Pension login.

Start with the discussion on how to install and enable [Java](#) on your computer.

Installing and updating Java on your computer- WB e-Pension

If you have already installed [Java](#) on your computer, then just check if it is up to date or not. If not, then update it as follows.

- Go to the Control Panel of your computer.
- In the search field, type Java. If Java is installed on your computer, it appears below the search field as shown in the picture below. If Java is not installed on your computer, install it from [here](#).



- **Double click on**



- **Java Control Panel** will be open (see the picture below). In the **Java Control Panel** go to **Update** tab, **1. Tick the Check for Updates Automatically** and then **2. Click the Update Now** button.



- **If Java is up to date, the following message will appear**

Java Update



You already have the latest Java Platform on this system.

OK

- **If not, then update [Java](#) and restart your computer.**

Browser setup on your computer for using Digital Signature Certificate (DSC) - WB e-Pension

You can use browsers like Firefox (version up to 50) and Internet Explorer (any version) for validating your Digital Signature Certificate (DSC). If you want to use the Chrome browser, its version must be below 42, but I suggest that use either Firefox (version up to 51) or Internet Explorer (any updated version).

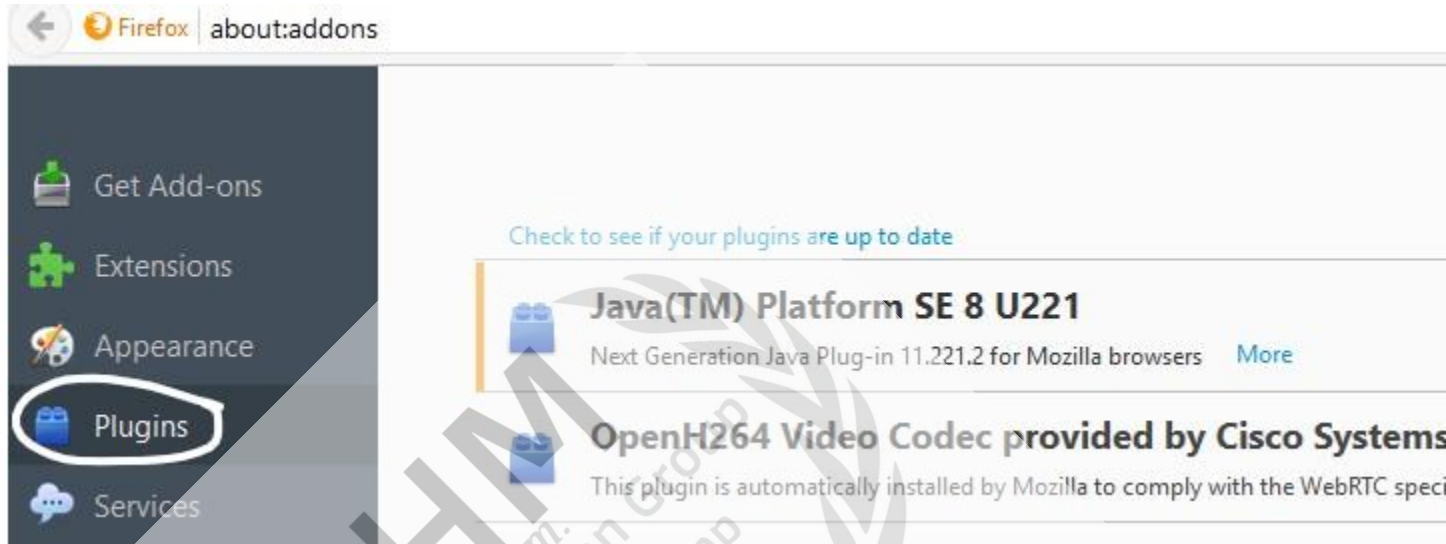
Enable Java on Firefox browser - WB e-Pension

- **Open the Firefox browser or restart it, if you just install Java now.**
- Go into Firefox **1. Menu**, then click the **2. Add-ons** option (see the picture below).



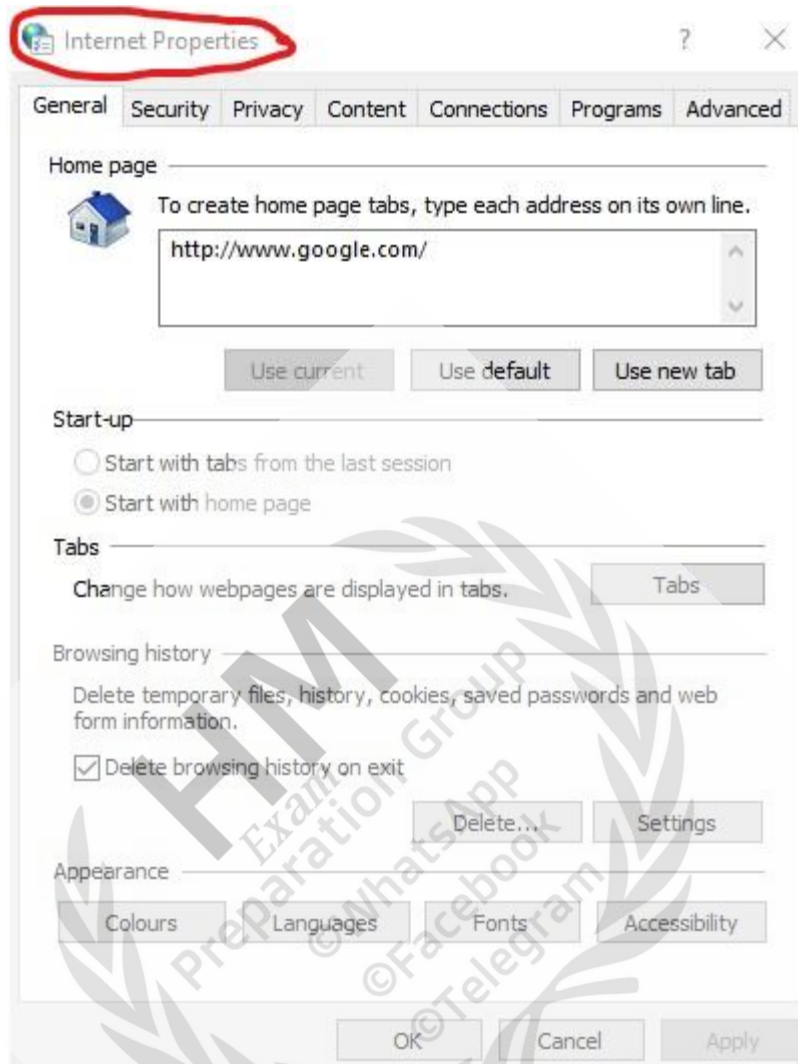
- In the Add-ons Manager window, select **Plugins**. If **Java (TM) Platform plugin** appears here, then go to the right of it and select **Always Activate** option from the

drop-down menu (see the picture below) and your job is done, restart your computer.



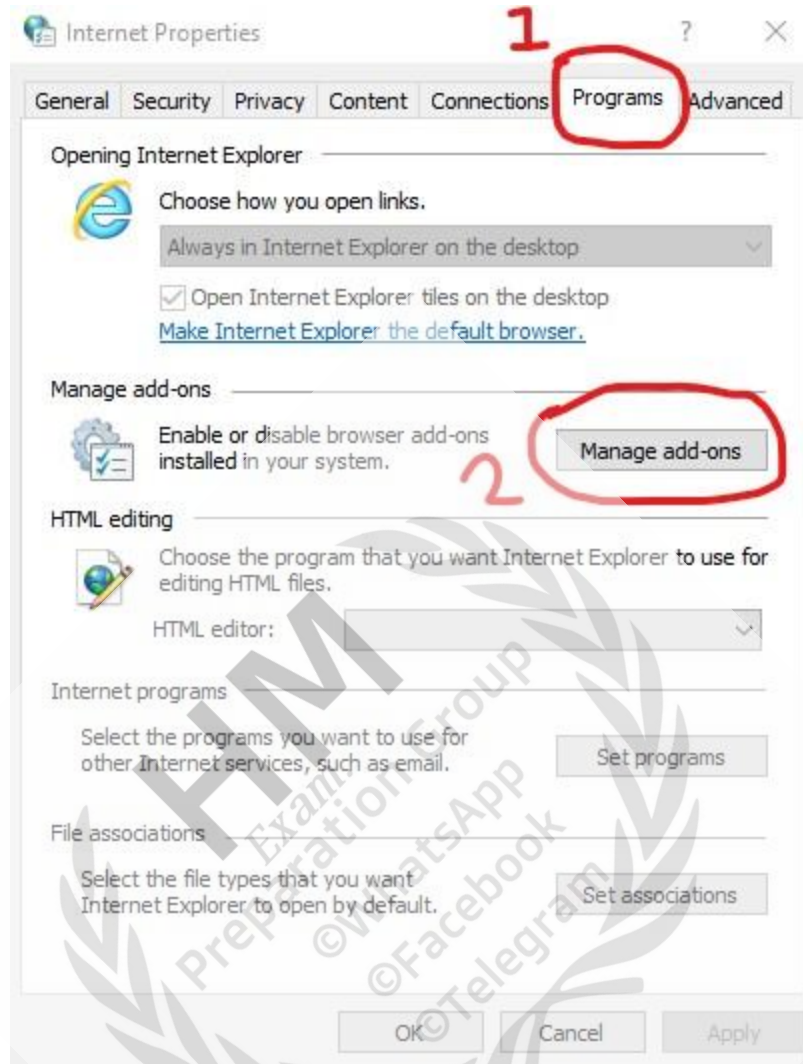
- **If Java (TM) Platform does not appear in Plugins section, then performed the following steps.**

- 1. Open Control Panel.**
- 2. Click on Network and Internet.**
- 3. Click on Internet Option, a new window will appear named as Internet Properties (see the picture below).**



1. Go

to 1. Programs tab and 2. click on Manage add-ons button (see the picture below)



1. A new window will be appeared named **Manage Add-ons (see the picture below). Under **Toolbars and Extensions** scroll down and go to **Oracle America, Inc.** All Java related extensions appear under this section. Check under the **Status** section of all **Java (tm) Plug-In**. If Java is installed for the first time on your computer, it will show **New** as status.**

Manage Add-ons

View and manage your Internet Explorer add-ons

Add-on Types	Name	Publisher	Status	Architecture
Toolbars and Extensions	Catered to You	NOT AVAILABLE	Disabled	32-bit
Search Providers	SmartPrint	Not Available	Enabled	32-bit
Accelerators	HP Network Check	Not Available	Enabled	32-bit
Tracking Protection	Send to OneNote	Not Available	Enabled	32-bit
	OneNote Linked Notes	Not Available	Enabled	32-bit
	Oracle America, Inc.			
	Java SE Runtime Environ...	Oracle America, Inc.	Enabled	32-bit
	Java(tm) Plug-In SSV Hel...	Oracle America, Inc.	New	32-bit
	Java(tm) Plug-In 2 SSV H...	Oracle America, Inc.	New	32-bit
	Tonec Inc.			
	IDM integration (IDMIE...	Tonec Inc.	Disabled	32-bit
	VideoLAN			
	VLC ActiveX Plugin and I...	VideoLAN	Enabled	64-bit

Show:

All add-ons

Select an add-on to modify status or view details.

[Find more toolbars and extensions...](#)

[Learn more about toolbars and extensions](#)

1. Select Java (tm) Plug-In SSV Helper and press the Enable button (see the picture below).



Manage Add-ons

View and manage your Internet Explorer add-ons

Add-on Types	Name	Publisher	Status	Arch
 Toolbars and Extensions	Catered to you	NOT Available	DISABLED	32-b
 Search Providers	 SmartPrint	Not Available	Enabled	32-b
 Accelerators	 HP Network Check	Not Available	Enabled	32-b
 Tracking Protection	Send to OneNote	Not Available	Enabled	32-b
	OneNote Linked Notes	Not Available	Enabled	32-b
	Oracle America, Inc.			
	Java SE Runtime Environ...	Oracle America, Inc.	Enabled	32-b
	Java(tm) Plug-In SSV Hel...	Oracle America, Inc.	New	32-b
	Java(tm) Plug-In 2 SSV H...	Oracle America, Inc.	New	32-b
	Tonec Inc.			
	IDM integration (IDMIE...	Tonec Inc.	Disabled	32-b
	VideoLAN			
	VLC ActiveX Plugin and I...	VideoLAN	Enabled	64-b
Show:				
All add-ons				

Java(tm) Plug-In SSV Helper Oracle America, Inc.

Version: 8.0.2210.11

File date: 21 September 2019, 01:08 AM

[More information](#)

Type: Browser Helper Object

[Search for this add-on via default search provider](#)

[Find more toolbars and extensions...](#)

[Learn more about toolbars and extensions](#)

1. A new pop up window will appear named **Enable Add-on (see the picture below) press the **Enable** button on it.**



1. Now you will see the status of **Java (tm) Plug-In SSV Helper as **Enabled** (see the picture below). Restart your computer.**

Manage Add-ons

View and manage your Internet Explorer add-ons

Add-on Types	Name	Publisher	Status	Architecture
 Toolbars and Extensions	Catered to you	NOT AVAILABLE	DISABLED	32-bit
 Search Providers	SmartPrint	Not Available	Enabled	32-bit
 Accelerators	HP Network Check	Not Available	Enabled	32-bit
 Tracking Protection	Send to OneNote	Not Available	Enabled	32-bit
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	Oracle America, Inc.			
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	VideoLAN			
	VLC ActiveX Plugin and I...	VideoLAN	Enabled	64-bit

Show:

All add-ons

Select an add-on to modify status or view details.

Find more toolbars and extensions...

Learn more about toolbars and extensions

Add e-Pension site URL in the security of the Java Control Panel

■ WB e-Pension

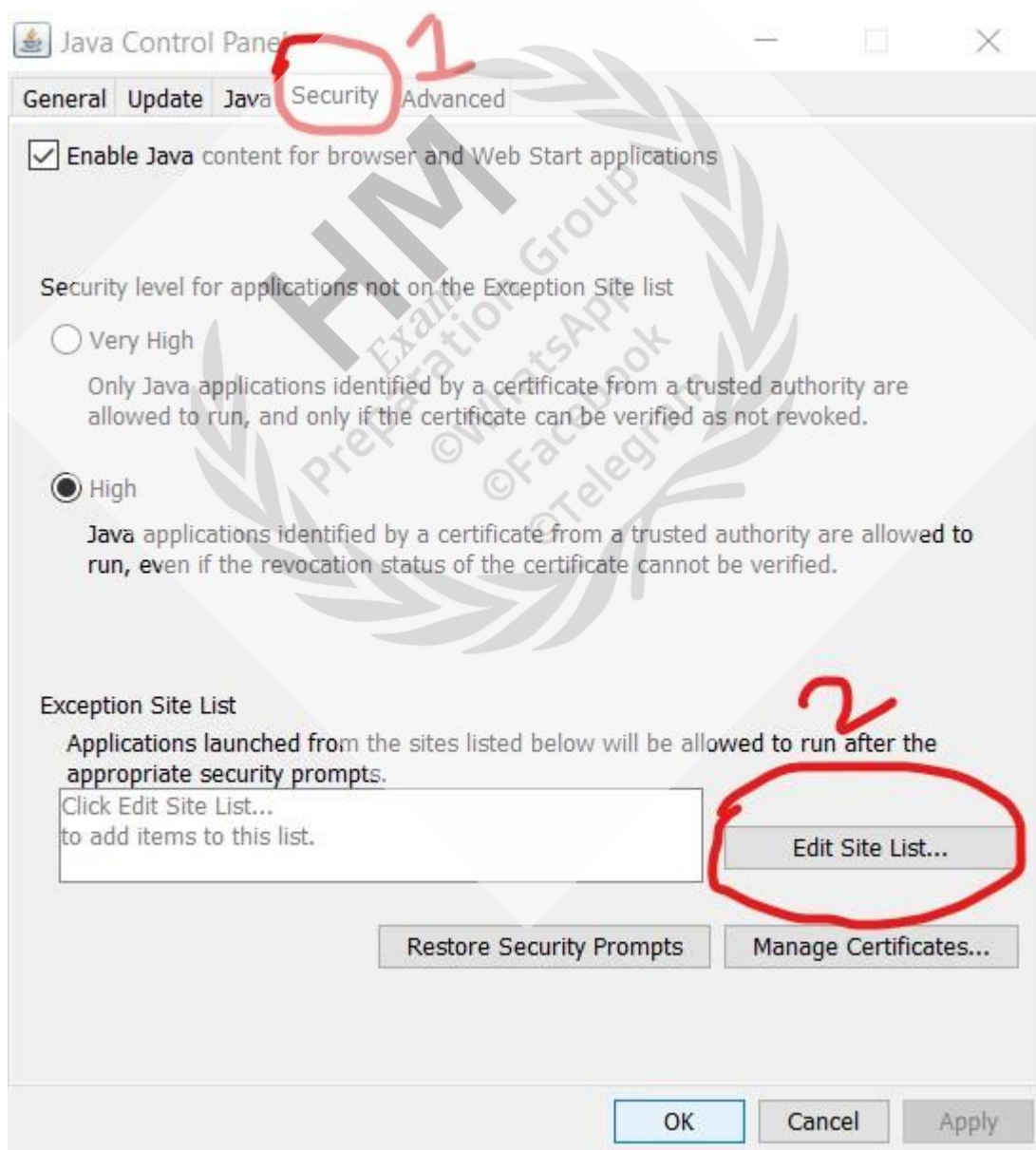
- Go to the **Control Panel** of your computer.
- In the **search field**, type **Java**. As **Java** is already installed on your computer, it appears below the search field as shown in the picture below.



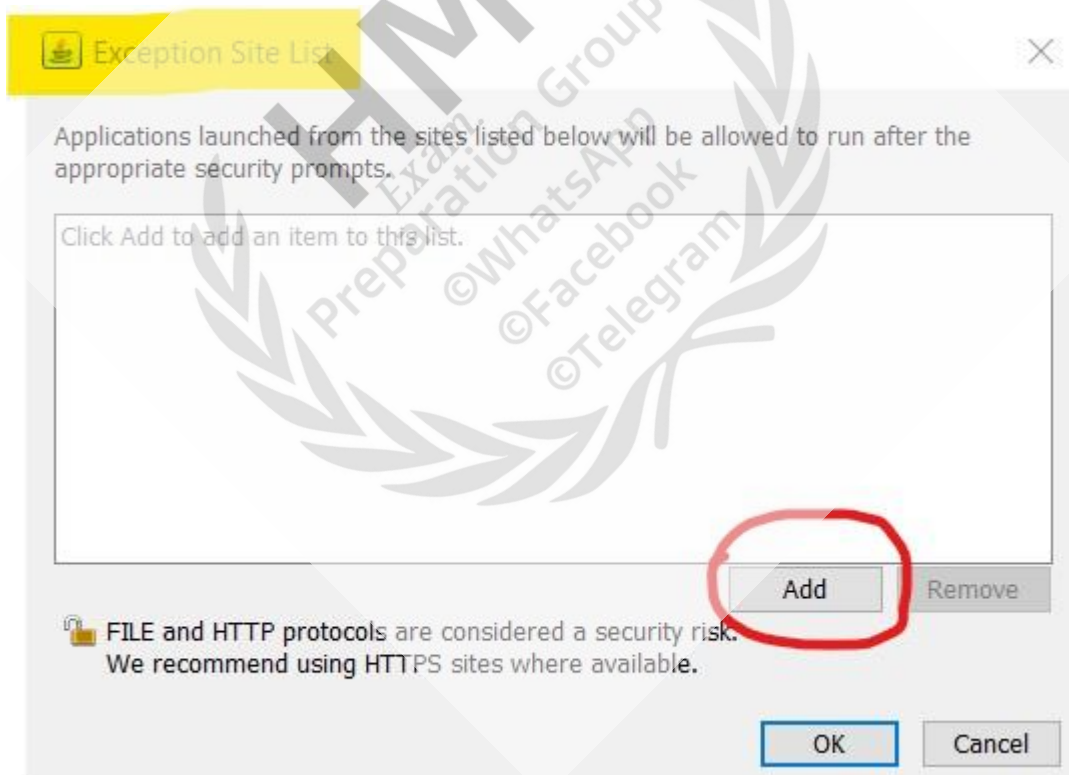
- **Double click on**



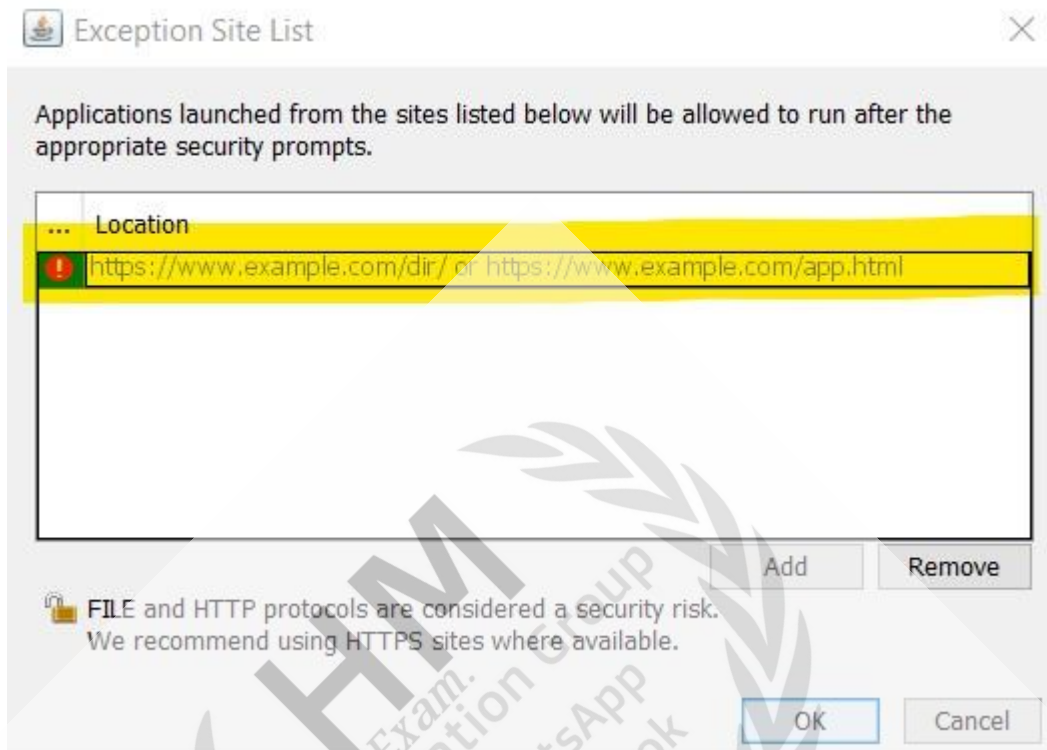
- In the **Java Control Panel** go to **1. Security tab**, then **2. Click on Edit Site List...** (see the picture below).



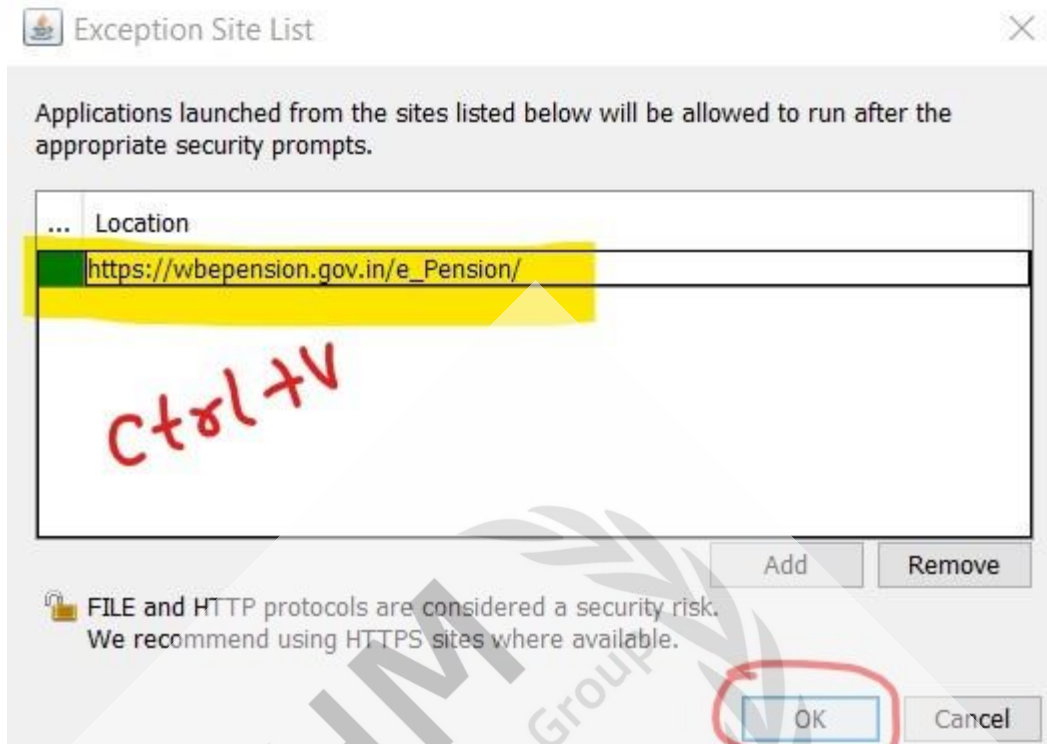
- **A new window will appear named **Exception Site List** (see the picture below). Click the **Add** button on it**



- **A new window will appear (see the picture below).**



- **Copy the URL of the e-Pension site as "<https://wbepension.gov.in/e-Pension/>" and paste it in the box under **Location** by pressing **Ctrl+Y** on the keyboard (see the picture below) and press the **OK** button on it.**



- **So the final Java Control Panel will look like below. Press the final OK button on it. Restart your computer.**



**Register Digital
Signature Certificate
(DSC) in e-Pension
login- WB e-Pension**

After setting up all the above procedures now your computer and browser is ready to access the Digital Signature Certificate (DSC). Now follow the below steps to register your DSC.

- **Open either Internet Explorer or Firefox browser.**
- **Go to the [e-Pension](#) site.**
- **Go to Login and select Other Than Applicant Login (see the picture below).**



- **Enter Head of the Institution (HOI) login details i.e., User ID & Password and enter the Captcha (see the picture below).**

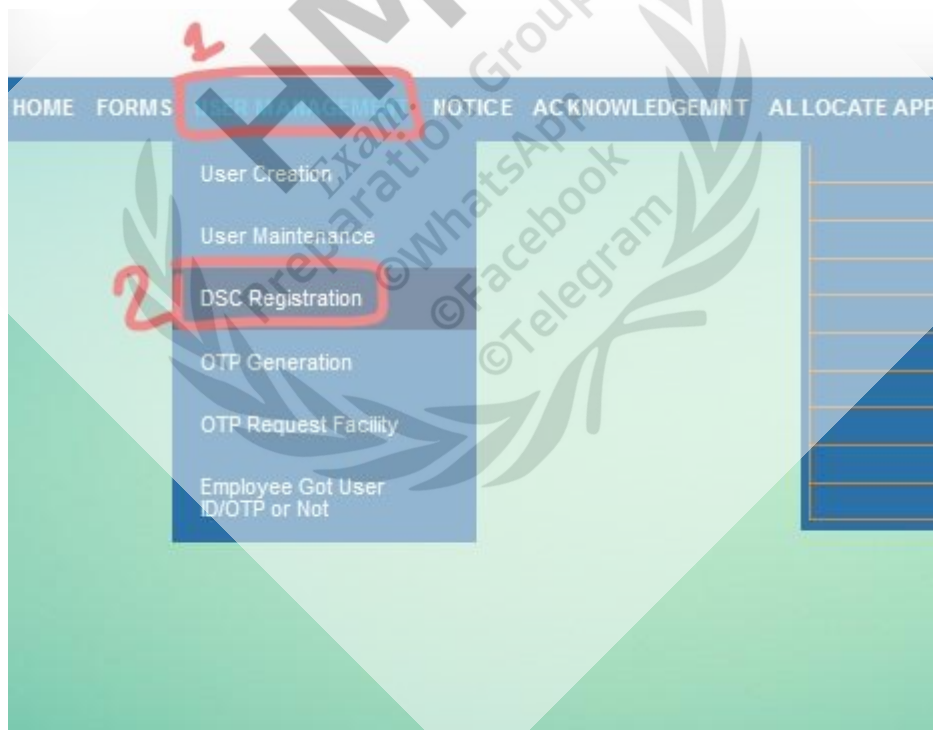
Other than Applicant



The screenshot shows a login interface with a blue background. At the top, the text 'Other than Applicant' is displayed. Below this, there are two input fields: the first for a User ID (containing a blacked-out value) and the second for a Password (containing dots). Below the password field is a yellow box with the '5ge3y' logo and a circular refresh icon. Underneath the logo box is a white input field containing the text '5ge3y'. At the bottom of the form is a large blue button with the text 'Log In'. A large, semi-transparent watermark is overlaid diagonally across the center of the image, reading 'HIM Exam Preparation Group', '©WhatsApp', '©Facebook', and '©Telegram'.

Log In

- **Placed the mouse cursor on 1. USER MANAGEMENT tab and 2. Scroll down to select DSC Registration (see the picture below).**



- **Check the box on the right side of Do you want to register your DSC?**

HOME FORMS USER MANAGEMENT NOTICE ACKNOWLEDGEMNT ALLOCAT

DSC Registration

Do you want to register your DSC? ☐

Best viewed with Mozilla Firefox

- **Check the box on the right side of First read the instruction**

Do you want to register your DSC? ☒

First read the instruction ☐

Best viewed with Mozilla Firefox

- If you want to read the instructions click on **For Instructions Click here** (see the picture below). If you understand the instruction properly click on **Yes**.

DSC Registration

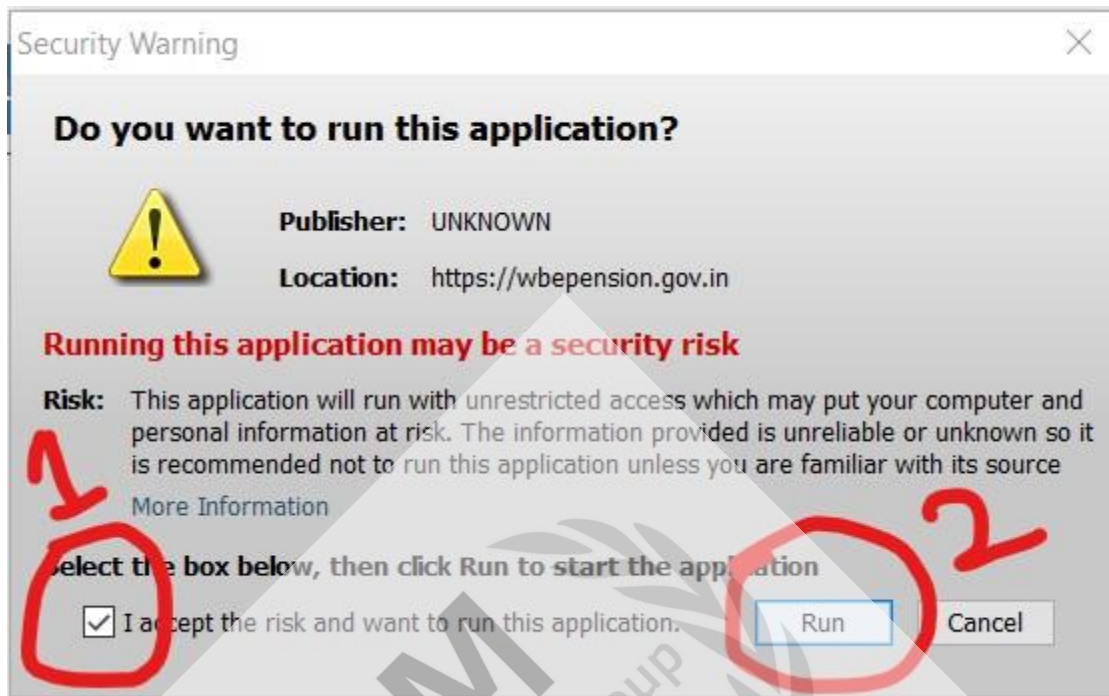
Do you want to register your DSC? ☒

First read the instruction ☒

For Instructions [Click here](#)

Have you understood the instruction properly? ☐ Yes ☐ No

- **A popup window will appear as below. 1. Check the white Box 2. Click on Run.**



- **Now plugin your Digital Signature Certificate (DSC) in the USB port of the computer. Then click on the Read Card button (see the picture below)**

Do you want to register your DSC? ☒

First read the instruction ☒

[For Instructions Click here](#)

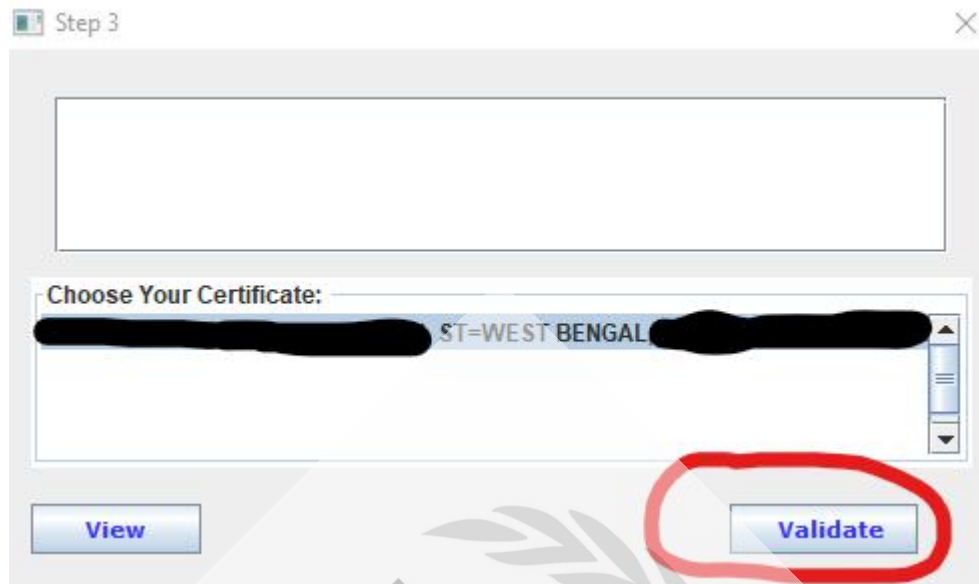
Have you understood the instruction properly? ☒ Yes ☐ No

Read Card

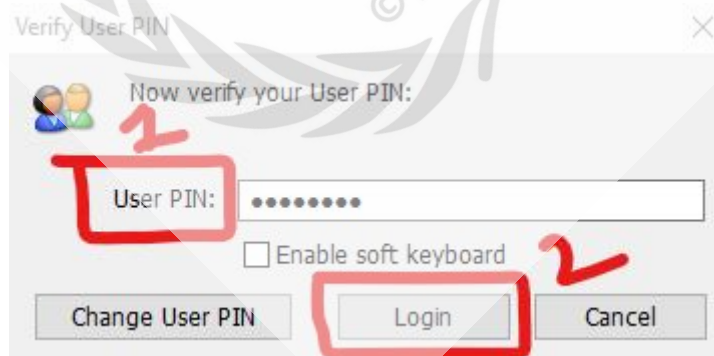
if you read the card then click on check box to complete the wh

Next

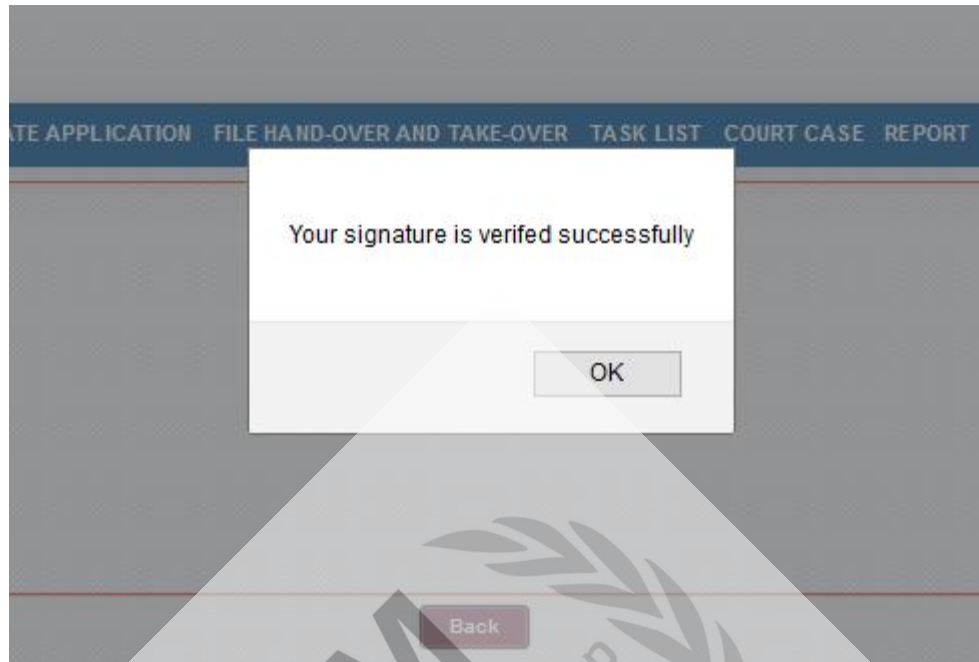
- **A new window will open as below. Select the name of the teacher (HM/AHM/TIC) on whose name the DSC is issued (the name on the e-Pension site and DSC must be same) and click the Validate button.**



- **A new window will open as below. Write your secret 1. User PIN and 2. Press the Login button.**



- **A message will open (see the picture below). Press the OK button.**



- **You will see the below message as a successful DSC registration. Press the OK button and you will be automatically Logged out from the site. Login again and follow the steps below for Validation of your DSC.**

Your DSC registration has been completed successfully. Please login after few seconds.

OK

Validation of Digital signature Certificate (DSC) - WB e-Pension

For validating your DSC, you have to perform the following steps below.

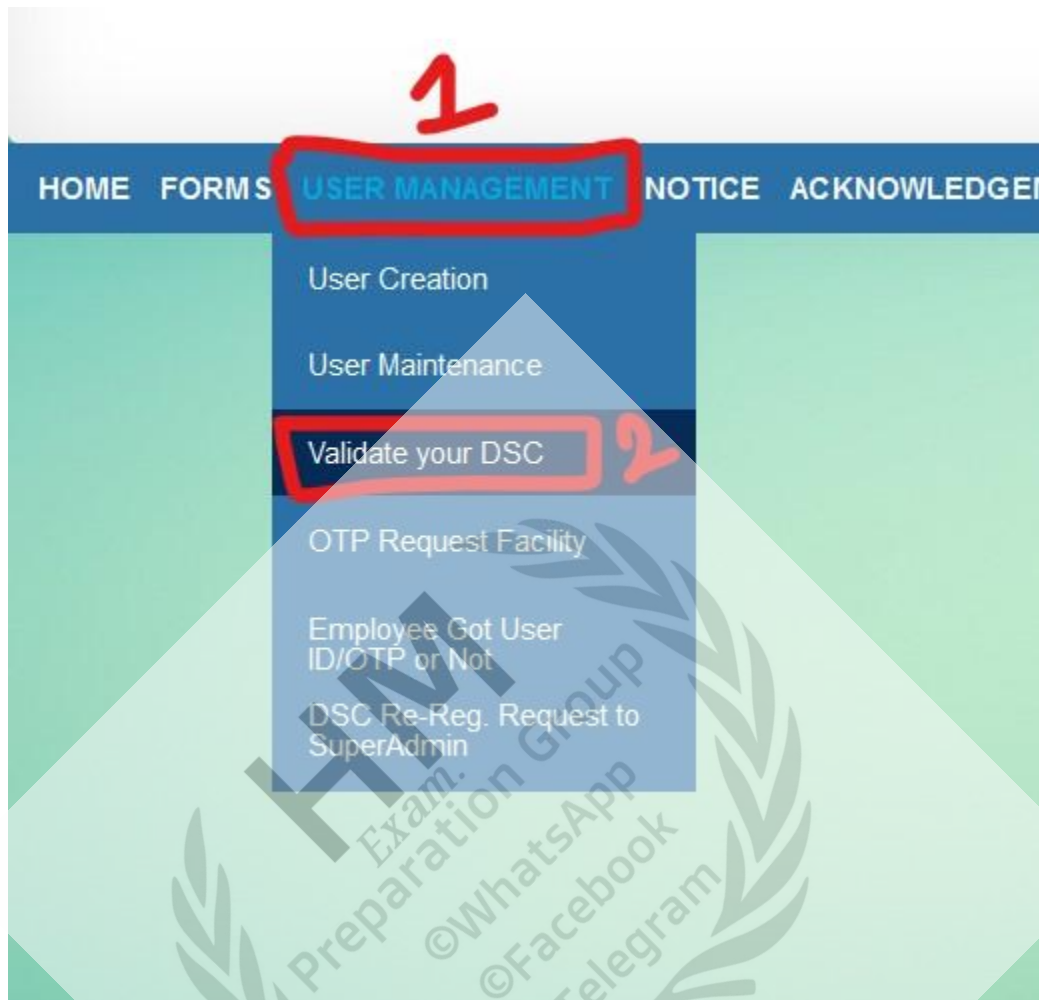
- **Open e-Pension [Other than Applicant](#) link. Enter your HOI login user ID and password with appropriate captcha (see the picture below).**

Other than Applicant

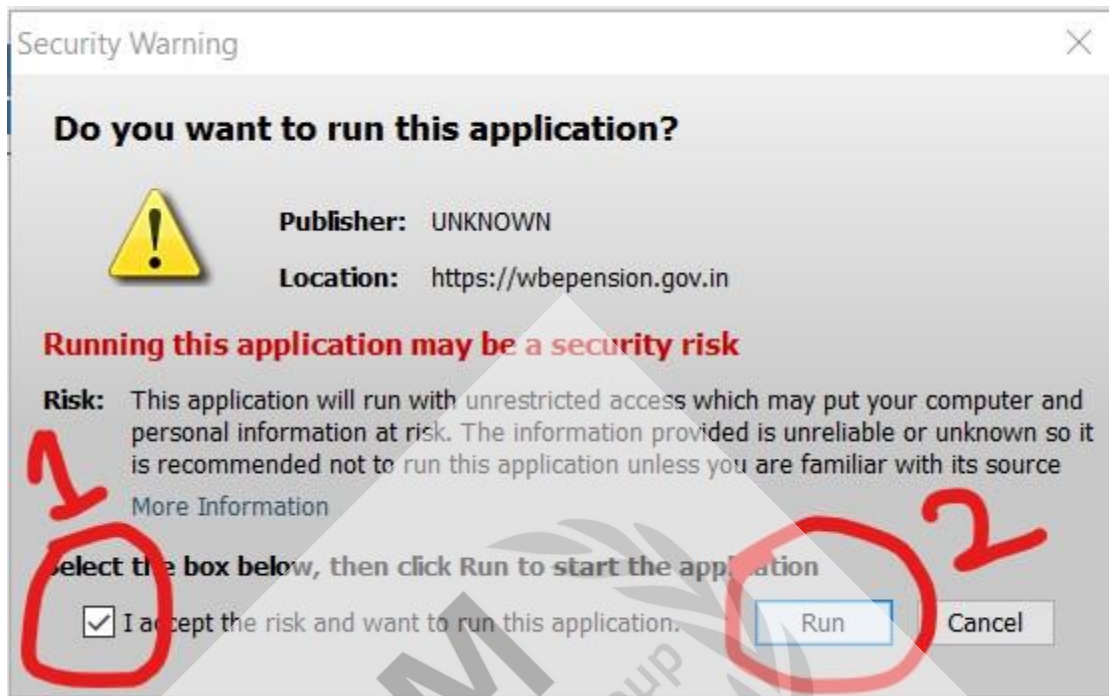


A screenshot of a login form with a blue background. The form contains three input fields: the first contains the text 'HOISEXXXZZZ', the second contains ten dots representing a password, and the third contains the text '3dn5w'. Below the third input field is a blue button with the text 'Log In' circled in red. A large watermark is overlaid on the form, reading 'HM Exam Preparation Group' and '©WhatsApp Facebook Telegram'.

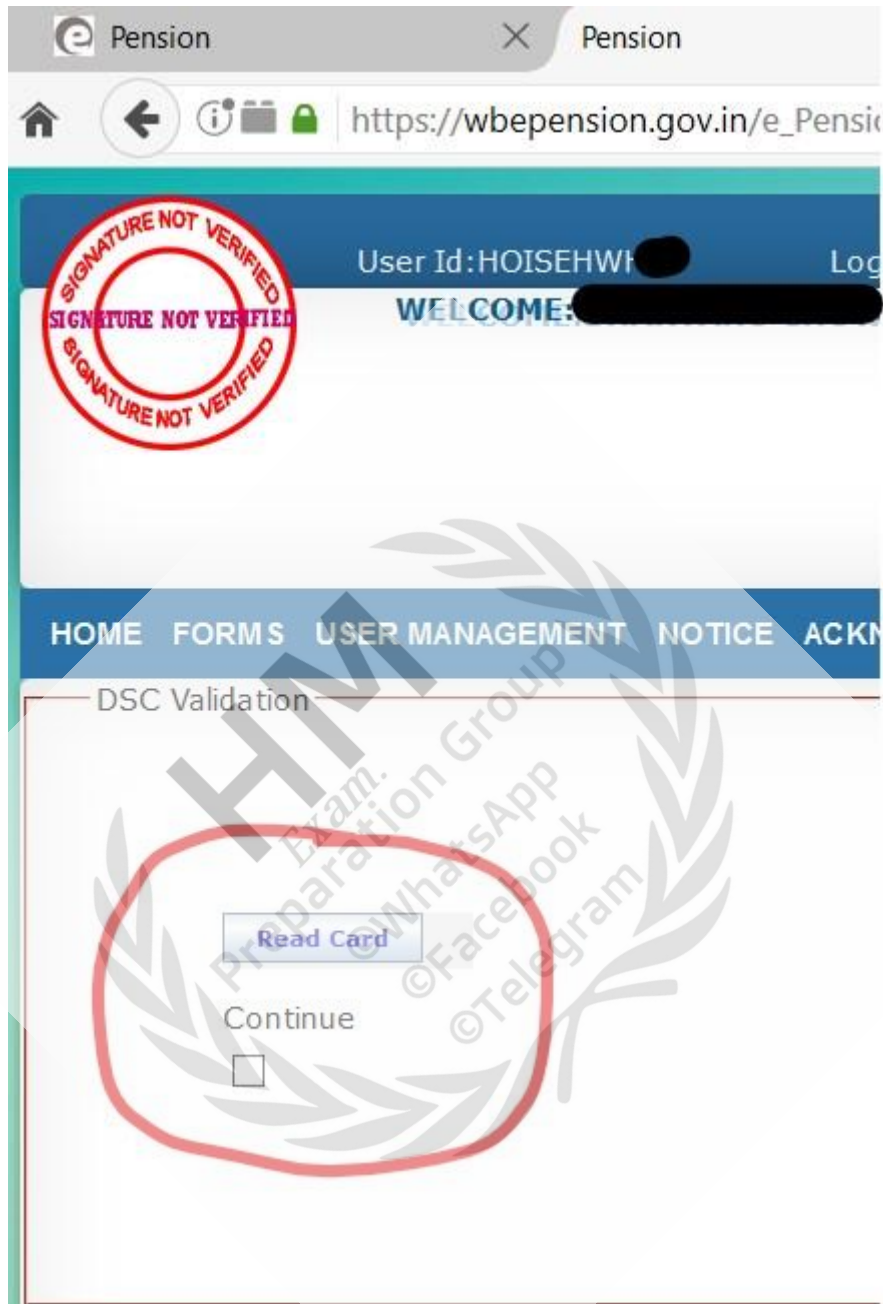
- **Place your mouse curser to 1. USER MANAGEMENT and 2. Scroll down to click Valid your DSC (see the picture below).**



- **Wait for a few seconds a new window will be open as shown below, 1. Click the checkbox 2. Press the RUN button.**



- **Wait for a few seconds, you will see the Read Card button will appear (see the picture below), click the Read Card button.**



- **A pop-up window will appear (as shown below), 1. Select the appropriate name (i.e., the name of your HM/AHM/TIC) under Choose Your**

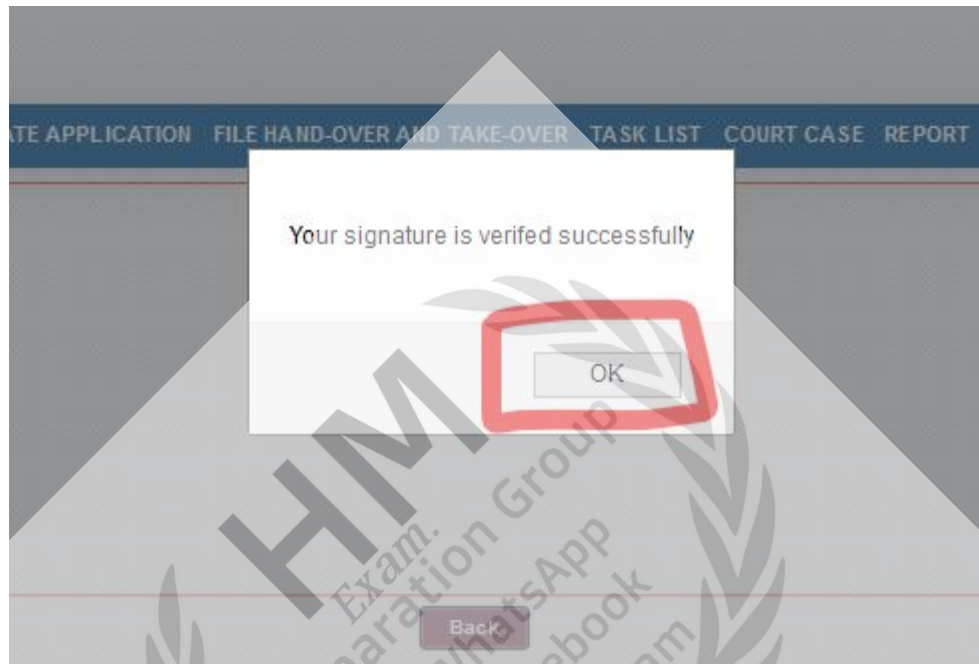
Certificate section, then **2. Press** the **Validate** button.



- **A new pop up window will appear (as shown below), write your secret User PIN and press the Login button.**



- **A pop-up message will appear as **Your signature is verified successfully. Press the **OK** button.****



- **You will see your site signature stamp placed on the left-hand upper corner becomes **Green** from **Red**.**

User Id:HOISE[REDACTED]Login Creation Date:03-09-2019
WELCOME:[REDACTED], Head Of Institution,[REDACTED]

HOME FORMS USER MANAGEMENT NOTICE ACKNOWLEDGEMNT ALLOCATE APPLICATION

DSC Validation

Your signature is verified

Best viewed with Mozilla Firefox

Digital Signature Certificate Dongle DSC e-Pension west bengal West Bengal School Teacher