<u>Refer the below screenshots for performing JAVA and Internet Explorer (Browser) settings on Windows</u> <u>Machine</u>

JAVA Settings

 Go to Control panel --> double click the JAVA icon --> click on security tab --> Drag the pointer to Medium --> Click on Apply and then on OK (For JAVA below 1.8 update 20 version).

	🛃 Java Control Panel	J
	General Update Java Security Advanced	
	☑ Enable Java content in the browser	
	Security Level	
	- Very High	
1	- High (minimum recommended)	
	Medium Least secure setting - All Java applications will be allowed to run after presenting a	
	security prompt.	
	<u>Restore Security Prompts</u> <u>Manage Certificates</u>	
	OK Cancel Apply	

 Go to Control panel --> Double click the JAVA icon --> Security tab --> Select 'High' --> Then Click on 'Edit Site List' and add URL (<u>https://onlineservices.tin.nsdl.com/TIN/JSP/security/Login.jsp</u>) in exception site list --> OK (For JAVA above 1.8 update 20 version)

🛃 Java Control Panel	🛃 Exception Site List
General Update Java Security Advanced	
☑ Enable Java content in the browser	Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.
Security level for applications not on the Exception Site list	
© ⊻ery High	Location
Only Java applications identified by a certificate from a trusted authority are allowed to run, and only if the certificate can be verified as not revoked.	https://onlineservices.tin.egov-nsdl.com/TIN/JSP/security/Login.jsp
	https://onlineservices.tin.egov-nsdl.com/TIN/inputPageForPanInqDetails.do
© <u>High</u>	
Java applications identified by a certificate from a trusted authority are allowed to run, even if the revocation status of the certificate cannot be verified.	
Exception Site List	
Applications launched from the sites listed below will be allowed to run after the appropriate security prompts.	
to add items to this list. Edit Site List	Add Remove
Restore Security Prompts Manage Certificates	FILE and HTTP protocols are considered a security risk. We recommend using HTTPS sites where available.
OK Cancel Apply	OK Cancel

3) Go to Control panel --> Double click the JAVA icon --> General tab --> Settings --> '**Delete Files**' then enable all the options --> **OK**

Java Control Panel	Temporary Files Settings	Delete Files and Applications
General Update Java Security Advanced		
About	Keep temporary files on my computer.	Δ
View version information about Java Control Panel.	Location	Delete the following files?
Network Settings	Select the location where temporary files are kept:	· · ·
Network settings are used when making Internet connections. By default, Java will use the network settings in your web browser. Only advanced users should modify	:\Users\riyab\AppData\LocalLow\Sun\Java\Deployment\cache	
these settings.	Did Georg	Trace and Log Files
<u>N</u> etwork Settings	Disk Space	Contrad Analysis
Temporary Internet Files	Select the compression level for JAR files:	Cached Applications and Applets
Files you use in Java applications are stored in a special folder for quick execution later. Only advanced users should delete files or modify these settings.	Set the amount of disk space for storing temporary files:	Installed Applications and Applets
Settings	32768 🛒 MB	•
Java in the browser is enabled. See the Security tab		
	Qelete Files Restore Defaults	OK Cancel
OK Cancel Apply	OK Cancel	

4) Go to Control panel --> Double click the JAVA icon --> click on Advanced tab --> enable the **Show Java Console** --> **Apply**--> **OK**

Java Control Panel	×
General Update Java Security Advanced	
Debugging	<u> </u>
Enable tracing	
Enable logging	
Show applet lifecycle exceptions	=
Java console	
Show console	
Do not start console	
Default Java for browsers	
Enable the next-generation Java Plug-in (requires browser restart)	
Shortquit Creation	
Always allow if hinted	
Prompt user	
Prompt user if hinted	
Never allow	
JNLP File/MIME Association	-
<	•
OK Cancel	Apply

 Go to Control panel --> Double click the JAVA icon --> Click on Advanced tab --> Then in Miscellaneous Enable 'Place JAVA icon in system tray' --> Apply --> OK.

🕼 Java Control Panel	
General Update Java Security Advanced	
Perform certificate revocation checks on	
Publisher's certificate only	<u> </u>
 All certificates in the chain of trust 	
Do not check (not recommended)	
Check for certificate revocation using	
Certificate Revocation Lists (CRLs)	
Online Certificate Status Protocol (OCSP)	
Both CRLs and OCSP	
Advanced Security Settings	
Use certificates and keys in browser keystore	
Enable blacklist revocation check	
Enable caching password for authentication	
Use TLS 1.2	
Miscellaneous	
🐨 🗹 Place Java icon in system tray	
Java Quick Starter	-
<	•
ОК Са	ncel <u>A</u> pply

6) Go to control panel --> JAVA --> Advanced tab --> enable the below settings
a) Use SSL 3.0 b) Use TLS 1.0 c) Use TLS 1.1 d) Use TLS 1.2 --> Apply --> OK.

🛃 Java Control Panel		x
General Update Java Security Advanced		
Perform certificate revocation checks on		
Publisher's certificate only		
All certificates in the chain of trust		
Do not check (not recommended)		
Check for certificate revocation using		
Certificate Revocation Lists (CRLs)		
Online Certificate Status Protocol (OCSP)		
Both CRLs and OCSP		
Advanced Security Settings		
Use certificates and keys in browser keystore		
Enable blacklist revocation check		
Enable caching password for authentication		
Use SSL 3.0		
Use TLS 1.0		
Use TLS 1.1		
Use TLS 1.2		=
Miscellaneous		
🖓 Place Java icon in system tray		
Java Quick Starter		+
<		•
OK Can	cel 🧧	Apply

a) Go To Control Panel --> Double click on JAVA icon --> Update --> Uncheck the option check for updates automatically --> pop up message will appear i.e. check for monthly or do not check, click on do not check option & proceed further.

🛓 Java Co	ntrol Panel			
General	General Update Java Security Advanced			
The Java Update mechanism ensures you have the most updated version of the Java platform. The options below let you control how updates are obtained and applied.			ed how	
	Notify Me:	Before downloading		-
	Check for Updates Aut	tomatically	A <u>d</u> vanced	ł
	Java Update will check for updates at least once a week on Friday at 5:00 AM. If an update is recommended, an icon will appear in the system taskbar notification area. Move the cursor over the icon to see the status of the update.You will be notified before the update is downloaded.			ay at e to see is
	I ypically, you will be notified of the update within a month of its release. However, if an update is considered critical, you will be notified within a week of its release.			
			Update I	Now
		ОКС	ancel	Apply

Internet Explorer (Browser) Settings

1) Open the Internet Explorer --> Go to tools --> Internet options --> General tab --> **Delete** --> **Delete** by **enabling all the options** except password.

nternet Options				
General Security Privacy Content Connections Programs Advanced Home page	Preserve Favorites website data Keep cookies and temporary Internet files that enable your favorite websites to retain preferences and display faster.			
To create home page tabs, type each address on its own line. http://go.microsoft.com/fwlink/?LinkId=69157	Imporary Internet files Copies of webpages, images, and media that are saved for faster viewing. Cookies			
Use <u>current</u> Use de <u>f</u> ault Use <u>b</u> lank Browsing history — Delete temporary files, history, cookies, saved passwords, and web form information.	 Cookies Files stored on your computer by websites to save preferences such as login information. History List of websites you have visited. 			
Delete browsing history on exit Delete Search	 Download History List of files you have downloaded. Form data 			
Change search defaults. Settings Tabs Change how webpages are displayed in Settings	Saved information that you have typed into forms. Passwords Saved passwords that are automatically filled in when you sign in to a website you've previously visited.			
tabs. Appearance Colors Languages Fonts Accessibility	ActiveX Filtering and Tracking Protection data A list of websites excluded from filtering, and data used by Tracking Protection to detect where websites might be automatically sharing details about your visit.			
OK Cancel Apply	About deleting browsing history Delete Cancel			

2) Open Internet Explorer go to Tools --> Internet options --> General Tab --> Settings --> View files --> select & delete all the files

Internet Options	Temporary Internet Files and History Settings
General Security Privacy Content Connections Programs Advanced Home page Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address on its own line. Image: To create home page tabs, type each address own line. Image: To create home page tabs, type each address own line. Image: To create home page tabs, type each address own line.	Temporary Internet Files Internet Explorer stores copies of webpages, images, and media for faster viewing later. Check for newer versions of stored pages: © Every time I visit the webpage © Every time I start Internet Explorer
Use <u>gurrent</u> Use <u>default</u> Use <u>blank</u> Browsing history Delete temporary files, history, cookies, saved passwords, and web form information. Delete browsing history on exit	Automatically Never Disk space to use (8-1024MB) (Recommended: 50-250MB)
Delete Settings Change search defaults. Tabs	Current location: C: \Users\riyab \AppData \Local \Microsoft \Windows \Temporary Internet Files \ Move folder View objects View files
Change how webpages are displayed in tabs. Settings Appearance Colors Languages Fonts Accessibility	History Specify how many days Internet Explorer should save the list of websites you have visited. Days to keep pages in history: 20
OK Cancel Apply	OK Cancel

3) Go to --> Internet Options --> Advanced tab --> enable the below settings a) **Use SSL 3.0** b) **Use TLS 1.0** c) **Use TLS 1.1** d) **Use TLS 1.2** --> **Apply** --> **OK**



4) Reopen Internet explorer and then try registration.

Incase if error persists, kindly email the error screenshot on support nsdl@nsdl.co.in