

## Step by Step Procedure to apply for a DSC

### Procedure to apply for Digital Certificate:

Please fill up the Application form for Digital Certificate attached herewith. The application form can also be downloaded from <https://idrbtca.org.in>.

Please ensure that following to be include in and along with application form:

- 1) Authorization letter from Bank - on Bank's letter head requesting for issue of Digital Certificate
- 2) Application duly filled in signed by Applicant and Superior Authority with Official Seal affixed on Second page of the Application
- 3) One Passport Size Photograph to be affixed on the Right corner of the First page of the Application and **to be signed across the Photograph**
- 4) Photocopies of PAN and Aadhar card of the Applicant attested by **Superior Authority with Seal** to be attached to Application form
- 5) Self-attested PAN and ID card of Superior Authority to be attached to the Application form
- 6) Subscriber Agreement Form duly signed by Applicant
- 7) GST Number of the Bank / Financial Institution
- 8) Share the payment details along with UTR Number

Kindly share below the payment details:

| Name of Bank | UTR No | Date of Payment | Amount | TDS(if deducted) | Total Amount | GST Number |
|--------------|--------|-----------------|--------|------------------|--------------|------------|
|              |        |                 |        |                  |              |            |

### Physical Verification for Class-2 Subscribers:

With reference to our earlier mails regarding Physical Verification for Class 2 Subscribers, we are furnishing below various options to Registration Authorities to fulfil CCA guidelines with regard to Physical Verification Class 2 DSC subscribers.

**Option 1:** The subscriber will present himself/herself at the respective Bank's RA office physically with required documents as stipulated in CA application form.

**Option 2:** The subscriber should participate in video conference with respective RA office with required documents for minimum 30 seconds. The recording must be preserved by respective RA office and shown to auditors for verification, on demand.

**Option 3:** The subscriber can submit a letter duly authorized by the subscriber's superior authority to the respective RA in the format attached herewith. This option should be exercised by RA only in selective and exceptional cases only and not as matter of routine.

The application form is to be sent to the following address.

**Address: -**

Institute for Development and Research in Banking Technology [Certifying Authority - PKI Services]  
Castle Hills, Road No.1, Behind NMDC, Masab Tank, Hyderabad, 500057

**Processing by RA:**

After scrutiny of the application form, if the details in the application submitted by the subscriber are complete and correct, User Id and Password will be created by CA team and the same will be sent by an automated mail to the mail address of the applicant specified in the application form.

**Acknowledgement to be sent to RA by the applicant:**

After receiving the mail with User id and Password, the applicant has to take the print out of the mail, sign on it and send the scanned copy of the same to the RA for activating the user id. The applicant will be able to login using the user id and password provided by the RA only upon activation of the user id by the RA concerned.

**Procedure for Enrolling and Generating Key Pairs (Initiating online request):**

**To apply for the SHA2 2048 Class II/Class III Signing certificate using (crypto token) i-key/e-token (dongle):**

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1. Ensure that your PC and IE Browser Version meet any of the following requirements:

| <b>Operating System</b> | <b>OS Bit</b> | <b>Browser</b> | <b>Browser Bit</b> |
|-------------------------|---------------|----------------|--------------------|
| Windows 7               | 32            | IE10           | 32                 |
| Windows 7               | 32            | IE11           | 32                 |
| Windows 7               | 64            | IE10           | 32                 |
| Windows 7               | 64            | IE10           | 64                 |
| Windows 7               | 64            | IE11           | 32                 |
| Windows 7               | 64            | IE11           | 64                 |
| Windows 8               | 32            | IE10           | 32                 |
| Windows 8               | 64            | IE10           | 32                 |
| Windows 8               | 64            | IE10           | 64                 |
| Windows 8.1             | 64            | IE11           | 32                 |
| Windows 8.1             | 64            | IE11           | 64                 |
| Windows 10              | 64            | IE11           | 32                 |
| Windows 10              | 64            | IE11           | 64                 |
| Windows 10              | 32            | IE11           | 32                 |

2. Ensure that the Windows Logon user id has Administrator Privileges.

3. Ensure that the drivers for e-token has been loaded on to the PC from which the online request will be initiated for Digital Certificate. Ensure also that e-token has been already initialized, Administrator Password enabled by the IT Department of the Organization (Ask the e-token vendor for technical help for initialization, Administrator Password enabling etc. or read the user manual for E-token.) before distribution of e-tokens to the Subscribers/Applicants for Digital Certificates. Advise the users to change default passwords assigned to e-token by the vendor.
4. Ensure that the site URL <https://services.idrbtca.org.in> has already been added through the option (Open any internet explorer window, Click on Tools→ Internet Options → Security →Trusted Sites → Sites→Enter the URL <https://services.idrbtca.org.in> or <https://10.0.67.18> in the window. Then click on Add Button. Check whether the URL <https://services.idrbtca.org.in> or <https://10.0.67.18> is present in Trusted Sites. If not, enter the same in the window and then click add.)
5. Please ensure that Popup Blocker is turned off. Go to Tools→ Popup Blocker→Turn on Popup Blocker indicates that the Pop up Blocker is turned off and is ready to be turned on. [Please see the attached file](#)
6. [Please do the Browser Settings as per the file “Browser Settings” attached.](#) Please ensure that the Protected Mode is turned off.
7. Please browse <https://10.0.67.18> (INFINET Users) or <https://services.idrbtca.org.in> (Internet Users). For accessing site through Internet, the static/dynamic IP of the system from which online request will be initiated is to be mailed to [cahelp@idrbt.ac.in](mailto:cahelp@idrbt.ac.in) to facilitate access to the site
8. Please Click on “Member Login” and Fill in the User id and password provided to the applicant/subscriber by the RA Office by an automated e-mail and click on submit.

IDRBT Certifying Authority - Windows Internet Explorer - [InPrivate]  
https://172.27.100.43/index.jsp

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Login

- Member Login
- Administrator Login

Notice: IDRBT CA WEB Services (<https://services.idrbtca.org.in>) will be available only from MONDAY to SATURDAY from 9.00A.M. TO 5.30P.M. for SUBSCRIBERS accessing through internet. For users accessing through INTERNET, Please write to us on [cahelp@idrbt.ac.in](mailto:cahelp@idrbt.ac.in)

With the objective of providing access with increased security for IDRBT Certifying Authority, only authorized users from INFINET member of organizations will be allowed to access our services.

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8/25/2016

IDRBT Certifying Authority - Windows Internet Explorer - [InPrivate]  
https://172.27.100.43/subscriberHome/index1.jsp?link=login.jsp

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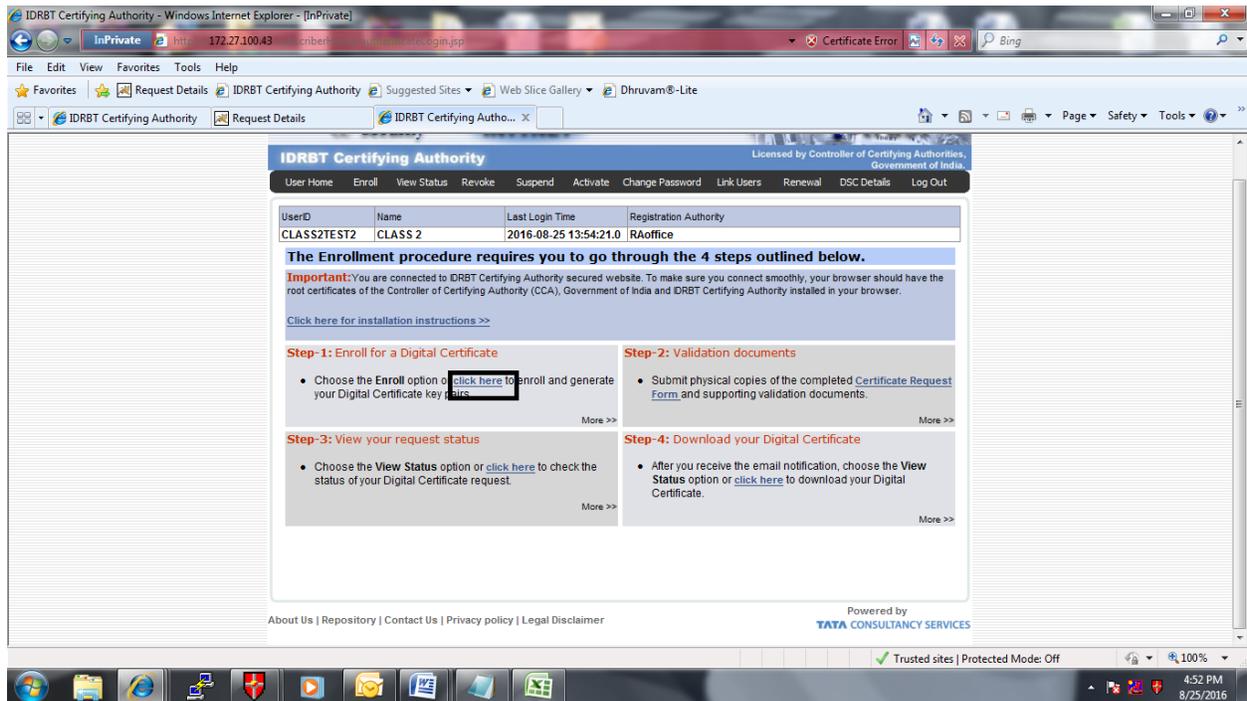
Member Login

User Login

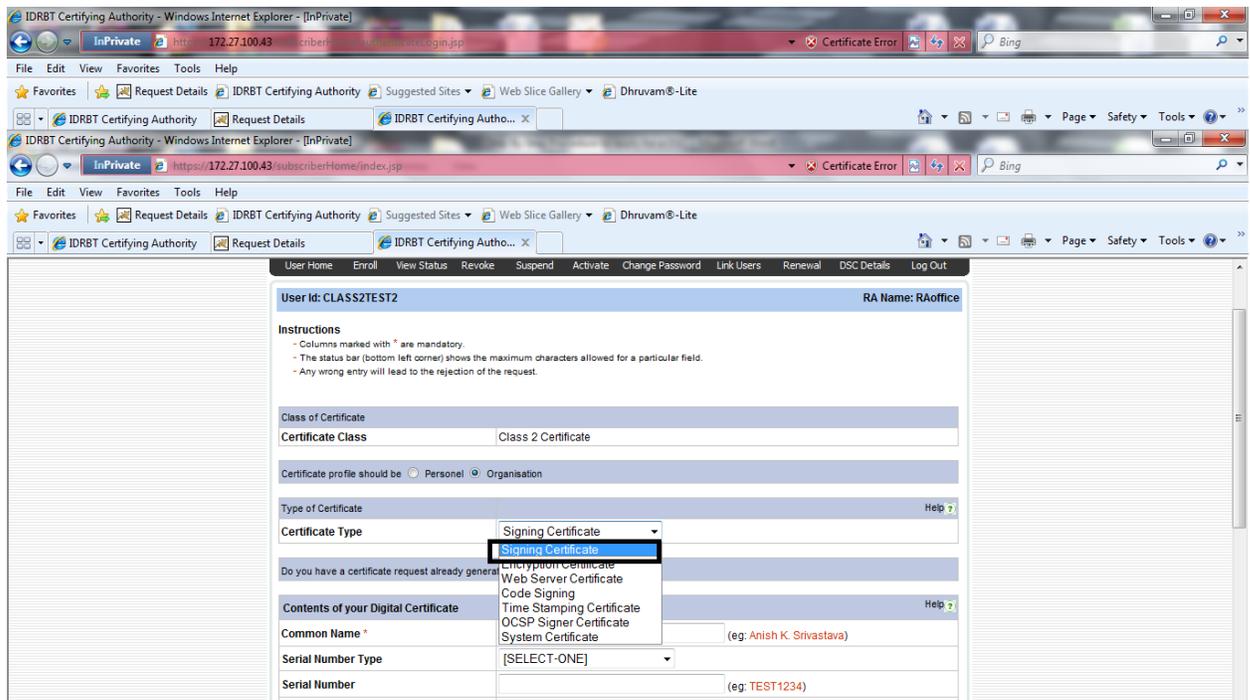
|                       |                                       |
|-----------------------|---------------------------------------|
| User Id *             | CLASS2TEST2                           |
| Password *            | *****                                 |
| Enter Text in Image * | 7kmy8                                 |
|                       | 7kmy8                                 |
|                       | <input type="submit" value="Submit"/> |

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9. After Successful login, Click on “Enroll” for Enrolling as a user.



10. After Clicking on “Enroll”, Please select **Signing Certificate** from the drop down list shown against the field “Certificate Type”.



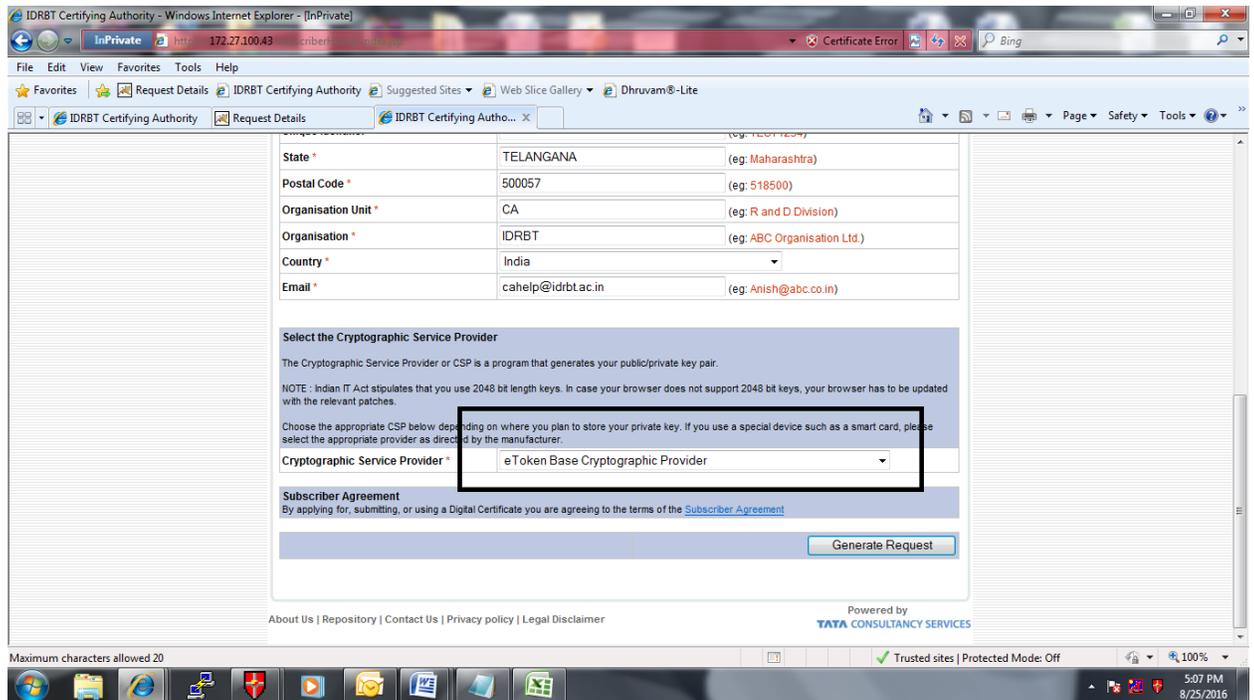
11. For Signing Certificate, enter the common name as “the name of the applicant”
12. Enter the e-mail id with official domain name in the “[Email for communication](#)”. Enter other details. If the applicant doesn’t have an email id with official domain name, please send an authorization letter duly signed by the superior authority permitting/allowing the use of personal email id to apply for a Digital Certificate
13. The Distinguished Name (DN) details viz. Common Name, E-mail id, Organization, Organization Unit, Locality (PIN Code), State and Country are filled in without any type of errors.

The screenshot shows a web browser window displaying the IDRBT Certifying Authority interface. The main content area is titled "Contents of your Digital Certificate" and contains a form with the following fields and values:

|  |  |                             |
|--|--|-----------------------------|
| Class of Certificate                                 | Class 2 Certificate  |                             |
| Certificate Class                                    | Class 2 Certificate  |                             |
| Certificate profile should be                        | <input type="radio"/> Personal <input checked="" type="radio"/> Organisation |                             |
| Type of Certificate                                  | Help ?   |                             |
| Certificate Type                                     | Signing Certificate  |                             |
| Do you have a certificate request already generated? | <input type="radio"/> Yes <input checked="" type="radio"/> No                |                             |
| Contents of your Digital Certificate Help ?          |  |                             |
| Common Name *  | MADHAB NATH  | (eg. Anish K. Srivastava)   |
| Serial Number Type                                   | [SELECT-ONE]   |                             |
| Serial Number  | [ ]  | (eg. TEST1234)              |
| Unique Identifier                                    | [ ]  | (eg. TEST1234)              |
| State *  | TELANGANA  | (eg. Maharashtra)           |
| Postal Code *  | 500057   | (eg. 518500)                |
| Organisation Unit *                                  | CA   | (eg. R and D Division)      |
| Organisation *                                       | IDRBT  | (eg. ABC Organisation Ltd.) |
| Country *  | India  |                             |
| Email *  | cahelp@idrbt.ac.in   | (eg. Anish@abc.co.in)       |

At the bottom of the form, there is a section titled "Select the Cryptographic Signing Provider" with a dropdown menu.

14. [Insert the e-token](#). Then select the cryptographic provider name as “[e-token based cryptographic Provider](#)” (if you are using alladin token/Safenet key). In case of other brand e-tokens from other vendors such as Watch Data, Feitian token, Moser Bear Token, the proper Cryptographic provider name will be in User Manual or check with the Vendor of E-token of particular brand.



### **Safenet/Alladin E-Token based :-**

While initiating online request, kindly choose cryptographic service provider as “**E-Token based Cryptographic service provider**” for safenet/ ALaddin E-Token.

### **Epass Token based**

While initiating online request, kindly choose cryptographic service provider as “**EnterSafe ePass2003 CSP v1..0**” for Epass 2003 E-Token.

### **Watchdata Token: -**

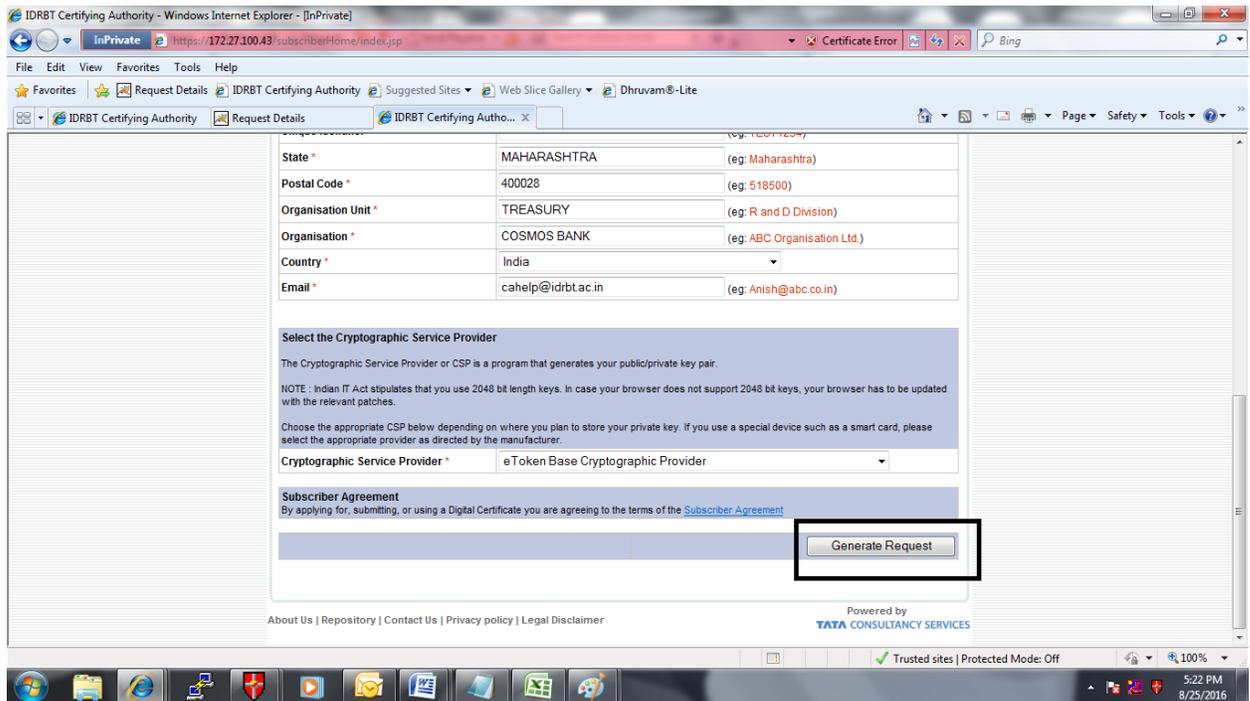
While initiating online request, kindly choose cryptographic service provider as “**WatchKey CSP India V1.0**” for Watch data Token. The jargons may vary for different versions of the e-token from the same vendor. Please always refer the user manual for e-token or take the help from e-token vendor.

### **MoserBaer/Giesecke Token: -**

While initiating online request, kindly choose cryptographic service provider as “**Safe Sign Standard-I Cryptographic Service Provider**” for Moserbaer/ Giesecke Token

Ensure that the E-token is inserted, proper Cryptographic provider has been chosen from the drop down list depending upon the brand of e-token inserted in the system before Clicking on “**Generate Request**”.

15. Click on “Generate Request”.



16. After getting the request number, note down the request number and choose the last option “Log Out” from the menu.

**\*Note: Do not change the settings of the system from which the request has been generated. Do not upgrade Operating System or Internet Explorer or apply patches for Operating System. Certificate Generation by IDRBT CA will take one to two days after the online request reaches IDRBT CA. Please check “View Status” within 3 days of generation of request and download when the status is shown as “Certificate Generated.” Or when the applicant receives an automated mail with Authentication PIN (OTP) stating that “Certificate has been Generated with Authentication PIN (to be entered in the screen for downloading the certificate).**

**For downloading the SHA2 2048 Class II/ Class III signing certificate: (Download the Certificate on the same Personal Computer from which the request has been initiated)**

1. A Confirmation mail along with Authentication PIN will be sent by E-mail to the e-mail id provided by the Subscriber in DN Details after the generation of Digital Certificate.
2. Please use the same logon credentials (Windows logon user id) for logging in that was used at the time of initiating the request.
3. Please Click on “Member Login” and Fill in the User id and password provided to the applicant/subscriber by the RA Office by an automated e-mail and click on submit.

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https://172.27.100.43/mdex.jsp

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**With the objective of providing access with increased security for IDRBT Certifying Authority, only authorized users from INFINET member of organizations will be allowed to access our services.**

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https://172.27.100.43/subscriberHome/index1.jsp/link=login.jsp

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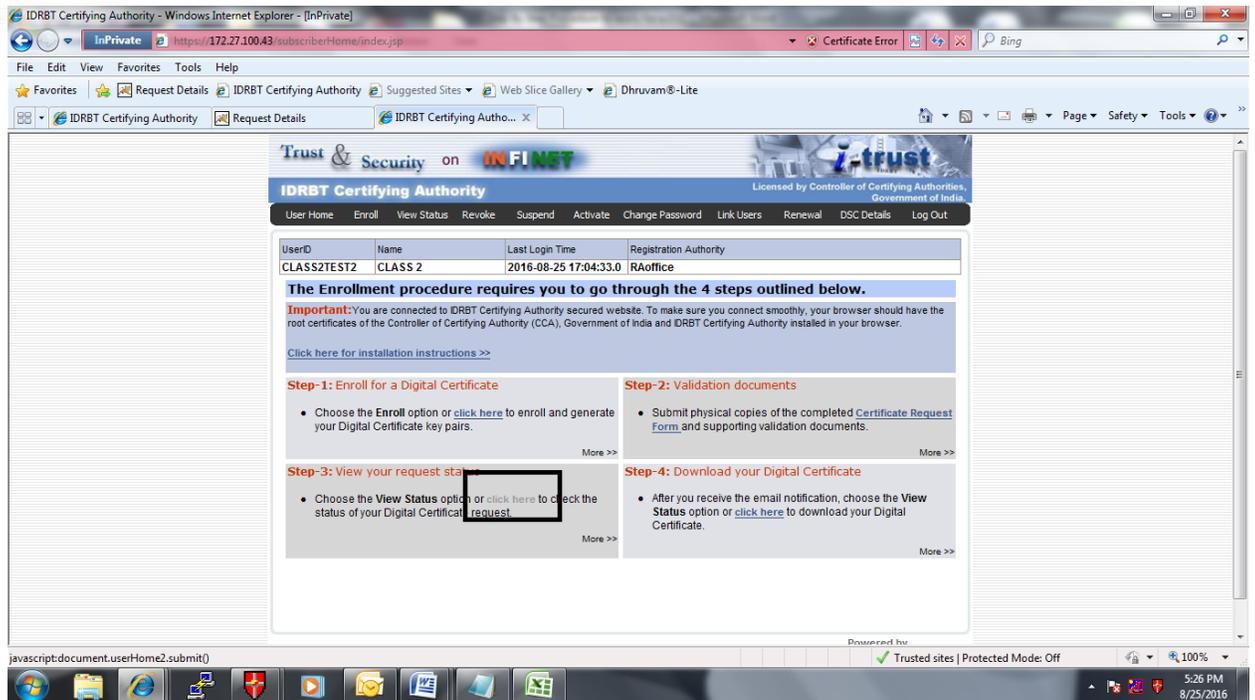
**Member Login**

**User Login**

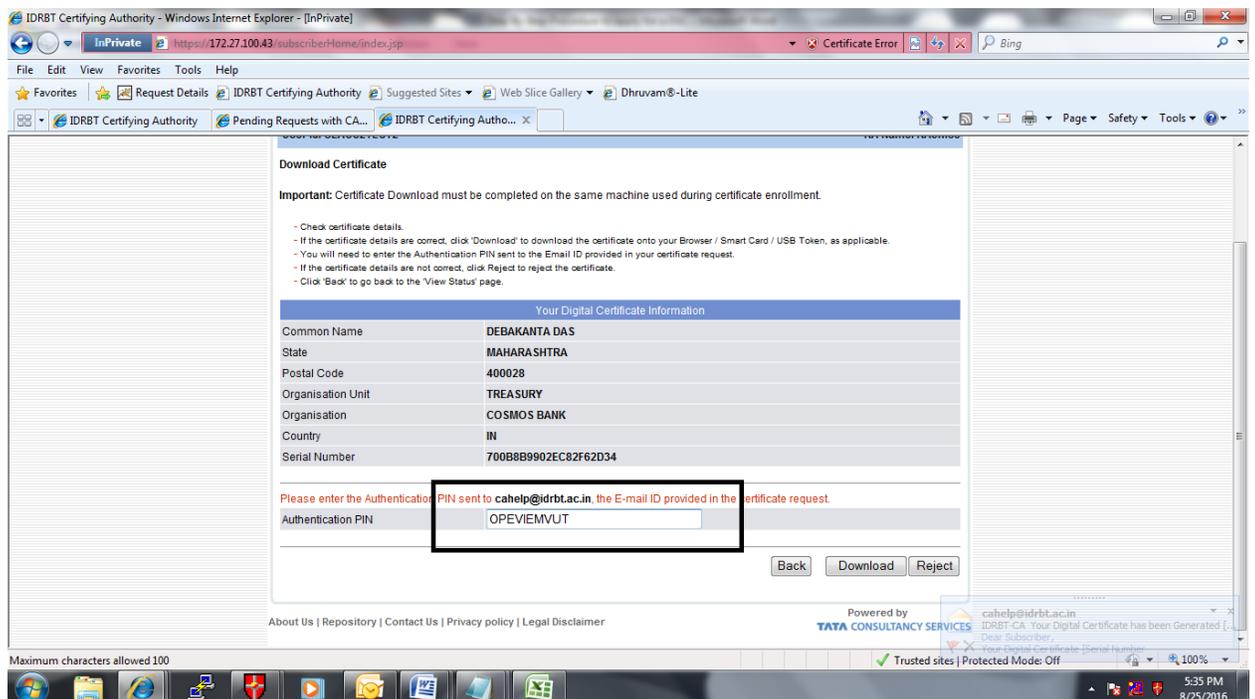
|                       |                                       |
|-----------------------|---------------------------------------|
| User Id *             | CLASS2TEST2                           |
| Password *            | .....                                 |
| Enter Text in Image * | 7kmy8                                 |
|                       | 7kmy8                                 |
|                       | <input type="button" value="Submit"/> |

Trusted sites | Protected Mode: Off | 4:44 PM

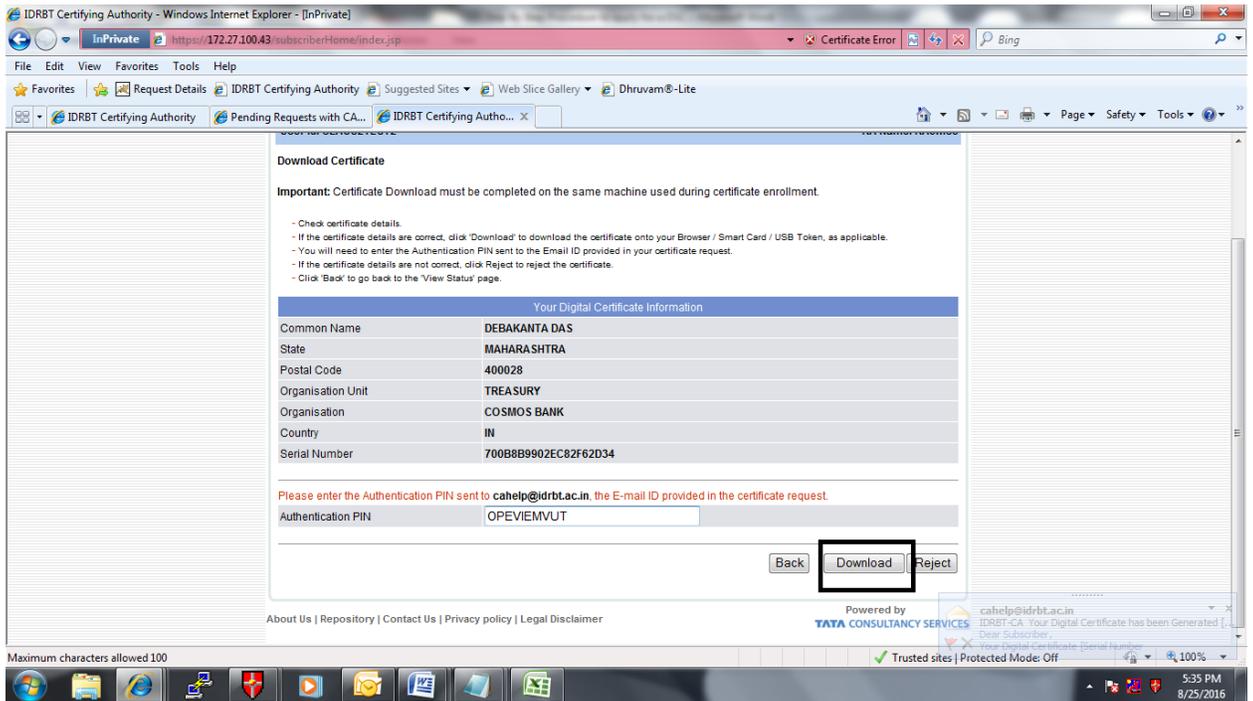
4. Click on Step 3 “View Status”



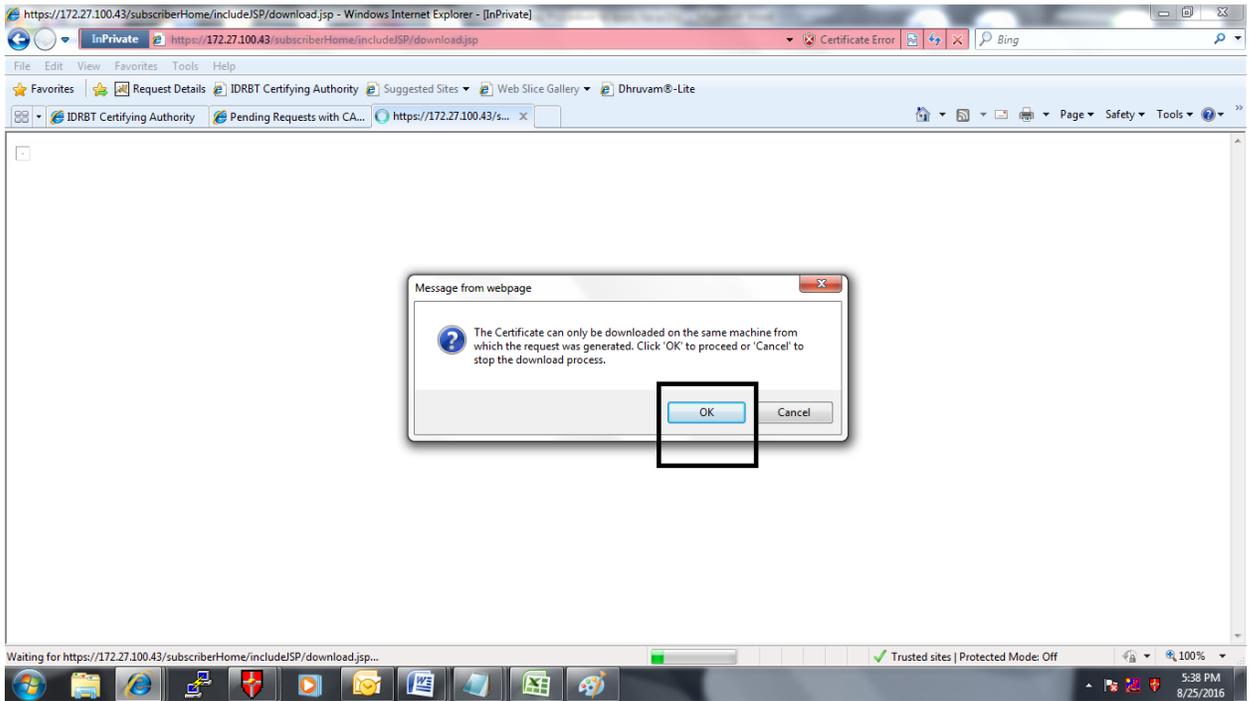
5. List of Certificate Request numbers will appear along with status. Once the Status is shown as “Certificate Generated” against the request number generated by the applicant, Click on the Request number. Please do not forget to insert the e-token that was used for generating the request. Copy and Paste the Authentication PIN received by E-mail Insert the same e-token which was used at the time of initiating online request generation.



6. Then Click on **download**. Enter the E-Token Password.



7. An alert message will appear to download the Certificate on the same Personal Computer from which the request has been initiated. Click on ok.



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### **Procedure to apply for a class 3 Digital Certificate:**

To Apply for Class 3 Digital Certificate for Servers, the Bank official who is authorised to apply for Class 3 Certificate should appear in person at IDRBT for Face to Face verification. She/he should carry the following:

- 1) Authorization letter from Bank on Bank's letter head authorizing an Official to obtain a **Class 3** certificate on behalf of the Bank.
- 2) Application duly filled in signed by Applicant and Superior Authority with Official Seal affixed on Second page of the Application.
- 3) One Passport size Photograph to be affixed on the Right corner of the First page of the Application.
- 4) Photocopies of PAN and Aadhar card of the Applicant attested by **Superior Authority with Seal** to be attached to the Application form.
- 5) Self- attested photocopies PAN and ID card of Superior Authority to be attached to the Application.
- 6) Original PAN Card, Aadhaar card and ID card of the Applicant to be shown during face- to face verification.
- 7) GST Number of the Bank / Financial Institution.
- 8) Copy of Reserve Bank of India approval letter to participate in Centralized Payment System.
- 9) Share the payment details along with UTR Number

### **Procedure to generate online request for system certificate:**

Please visit URL <https://services.idrbtca.org.in> through Internet or visit <https://10.0.67.18> from INFINET.

Kindly Login-->Member Login-->Click on Enroll-->

A) If you have .CSR file, select **Yes** at "Do you have a certificate request already generated?"

upload .CSR file and fill all the mandatory fields -->Generate Online Request-->Share the Enrollment Reference number.

B) If you do not have .CSR file:

Fill the details which are mandatory-->Generate Online Request-->Share the Enrollment Reference number.

Note: Select always CSP as Microsoft Enhanced Cryptographic Provider V.10 for system certificate.

## **IDRBT CA Cost Structure for Non-RA's and Non-cooperative banks:**

### **For Class 2 Certificate Cost Details for 1yr**

Rupees 500/- for 1 Year Certificate + Rupees 500/- for Admin Charges + 18% GST → 1000+ 18% services tax ==> 1180/- per certificate.

### **For Class 2 Certificate Cost Details for 2yr**

Rupees 1000/ for 2 Years Certificate + Rupees 500/ for Admin Charges + 18% GST ==> 1500+18% service tax ==> 1770/- per certificate.

### **For Class 3 Certificate Cost Details for 1yr**

Rupees 10000/ for 1 Year Certificate + Rupees 500/ for Admin Charges + 18% GST==> 10500+18% service tax ==> 12390 /- per certificate

### **For Class 3 Certificate Cost Details for 2yrs**

Rupees 20000/ for 2 Years Certificate + Rupees 500/ for Admin Charges + 18% GST==> 20500+ 18% services tax→24190/- per certificate.

## **IDRBT CA Cost Structure for Co-operative banks:**

### **For Class 2 Certificate Cost Details For 1yr**

Rupees 250/ for 1 Year Certificate + Rupees 500/ for Admin Charges + 18% GST==> 750 + 135 services tax ==> 885/- per certificate.

### **For Class 2 Certificate Cost Details For 2yr**

Rupees 500/ for 2 Years Certificate + Rupees 500/ for Admin Charges + 18% GST==> 1000+ 180 service tax ==> 1180/- per certificate.

### **For Class 3 Certificate Cost Details For 1yr**

Rupees 10000/ for 1 Year Certificate + Rupees 500/ for Admin Charges + 18% GST==> 10500+ 1890 service tax ==> 12390 /- per certificate

### **For Class 3 Certificate Cost Details For 2yrs**

Rupees 20000/ for 2 Years Certificate + Rupees 500/ for Admin Charges + 18% GST==> 20500+ 3690 services tax→24190/- per certificate.