## Digital Signatures



# Digital Signature at Dealer Point

Date - 10/03/2021



# What is a Digital Signature?

- A digital signature is a technological alternative to signing documents with paper and pen.
- It uses an advanced mathematical technique to check the authenticity and integrity of digital documents.

#### How to obtain Digital Signature?

- Dealers can obtain digital signature from any of the Certifying Authorities (CA).
- Several CAs have been granted a license to issue a digital signature certificate under Section 24 of the Indian IT-Act 2000.
- One can procure Class 2 or Class 3 certificates from any of the certifying authorities.
- Certificate Validity DSCs can be valid for three years. However, the minimum validity of a DSC is one year

#### **Indicative List of Certifying Authorities**

- E-Mudhra
- Capricorn
- Pantasign CA
- Safescrypt
- Verasys
- Code Solutions
- NSDL
- IDSIGN
- IDRBT
- Any other CA

- Class 2 Digital Signature Certificate The main function of this
  certificate is to authenticate the details of the signer. It is used in various
  form-filling, online registration, email attestation, income tax filing etc.
- Class 3 Digital Signature Certificate This certificate is more secure in comparison to class 2 certificate. This is the safest of all certificates. It is used in matters of high security like online trading, e-commerce, tendering etc.

# Pre Requisites for Uploading Digitally Signed Documents

- 1. Digital Signature USB Key Drive
- 2. Java JDK 1.8 or higher (download from <a href="https://www.oracle.com/java/technologies/javase-downloads.html#JDK15">https://www.oracle.com/java/technologies/javase-downloads.html#JDK15</a>, install & restart the system)
- 3. DSC Signer Service (download from <a href="https://eoffice.gov.in/dsc.php">https://eoffice.gov.in/dsc.php</a>, install & restart the system)
- 4. DSC Software (Install Software available within USB Key Drive)

#### Role of Vehicle Dealers & District Transport Offices

#### **Vehicle Dealers**

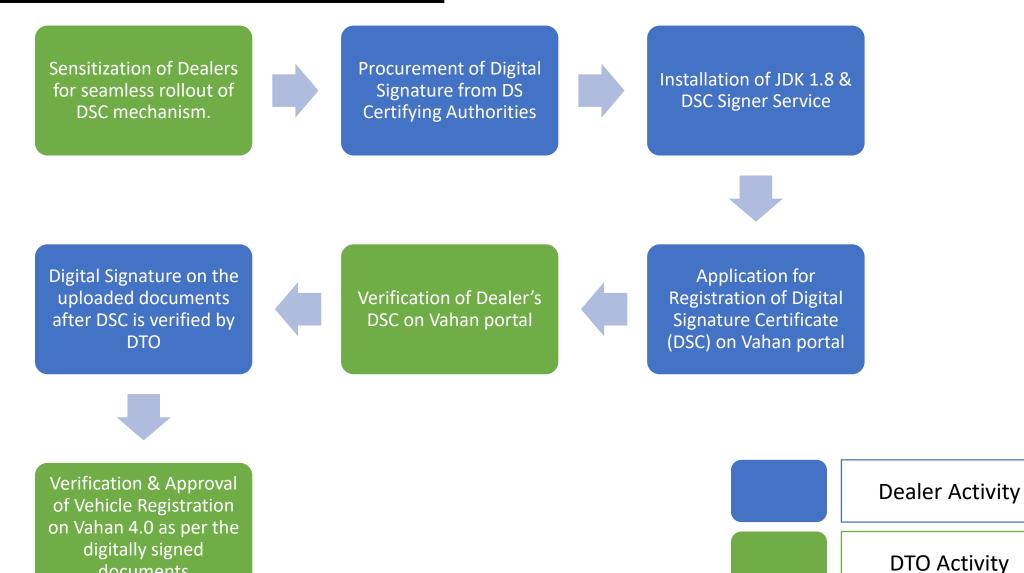
- i. Procurement of Digital Signature from DS Certifying Authorities
- ii. Installation of JDK 1.8 & DSC Signer Service
- iii. Application for Registration of Digital Signature Certificate (DSC) on Vahan portal
- iv. Digital Signature on the uploaded documents after DSC is verified by DTO

#### **District Transport Office**

- i. Sensitization of Dealers for seamless rollout of DSC mechanism.
- ii. Verification of Dealer's DSC on Vahan portal
- iii. Verification & Approval of Vehicle Registration on Vahan 4.0 as per the digitally signed documents

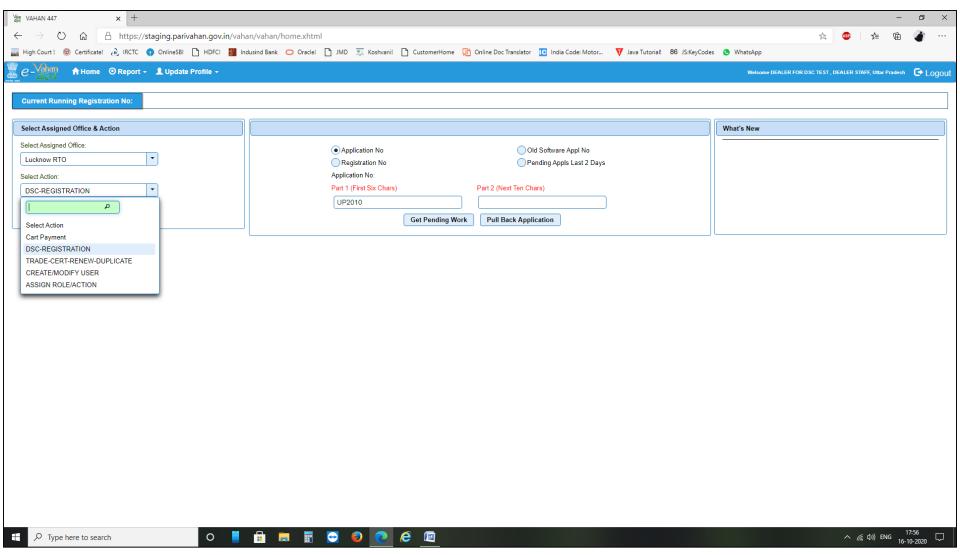
#### High Level Process Flow

documents

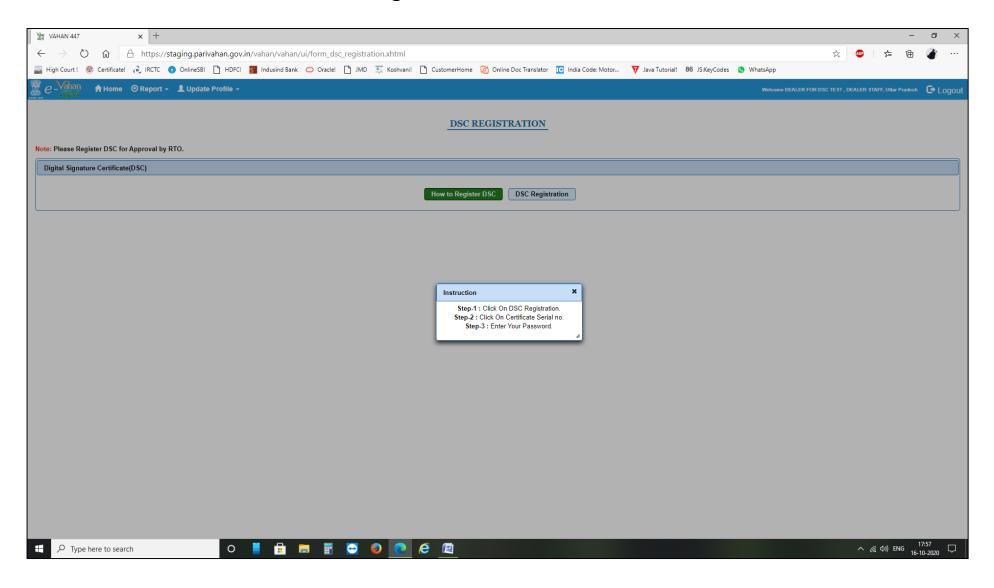


### **Detailed Process Flow**

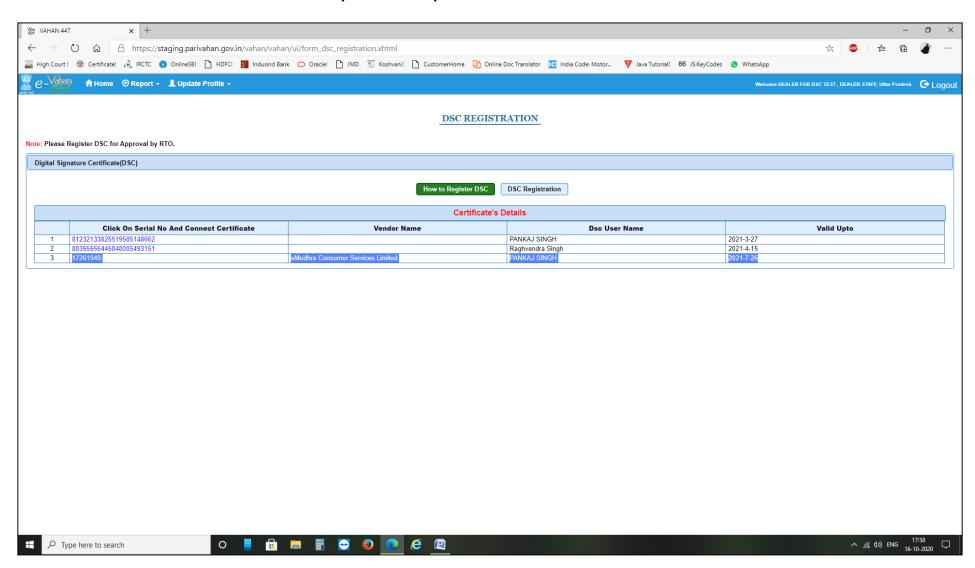
1. Select DSC-REGISTRATION from the Action and click on Show Form.



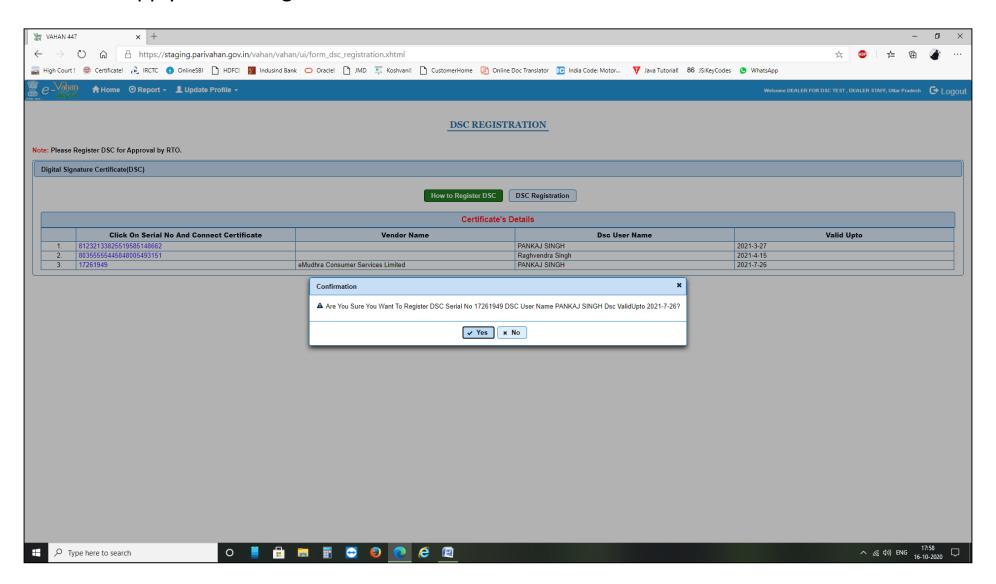
2. Insert DSC in the USB slot & click on DSC Registration.



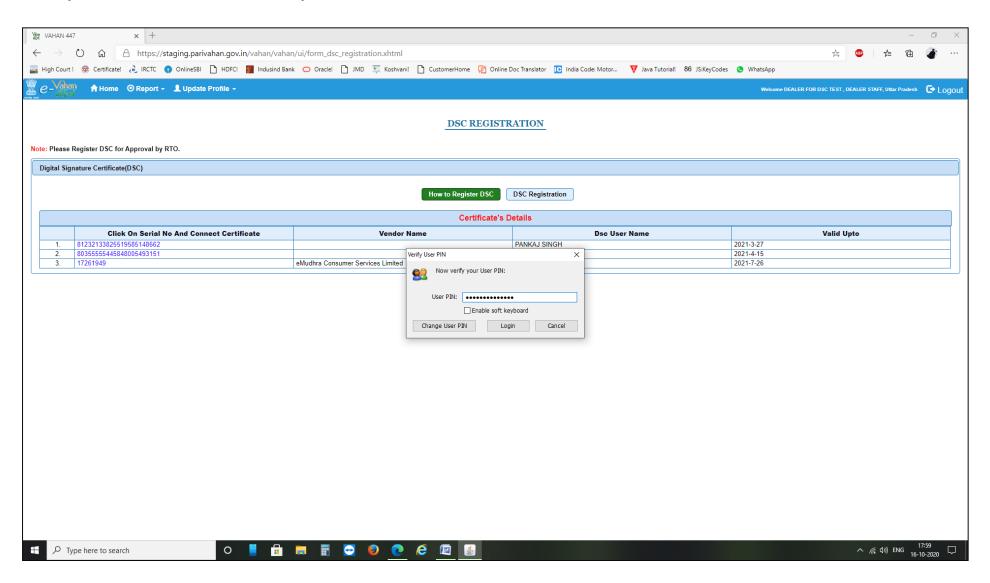
3. Click on Certificate Serial Number & enter your DSC password.



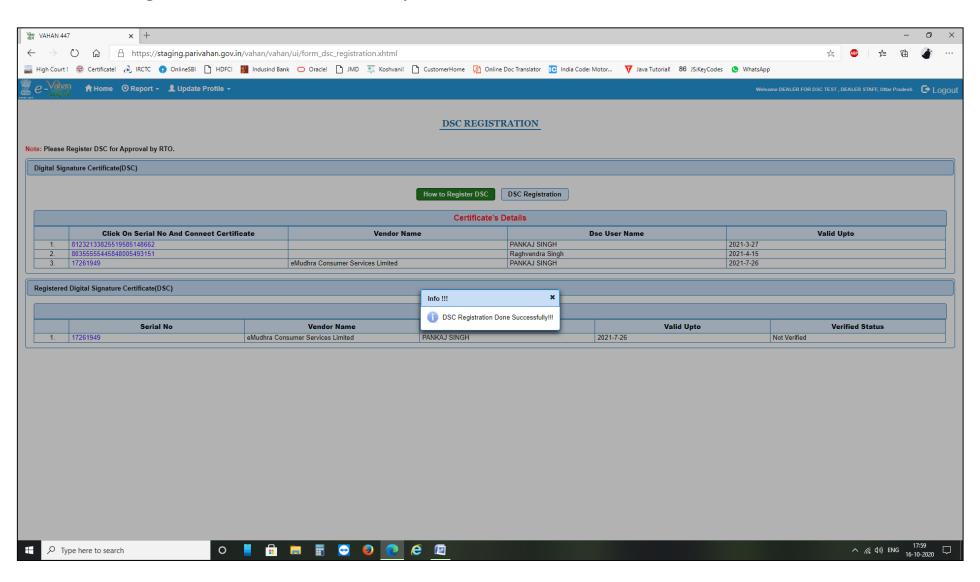
4. Click on Confirm to apply for DSC registration.



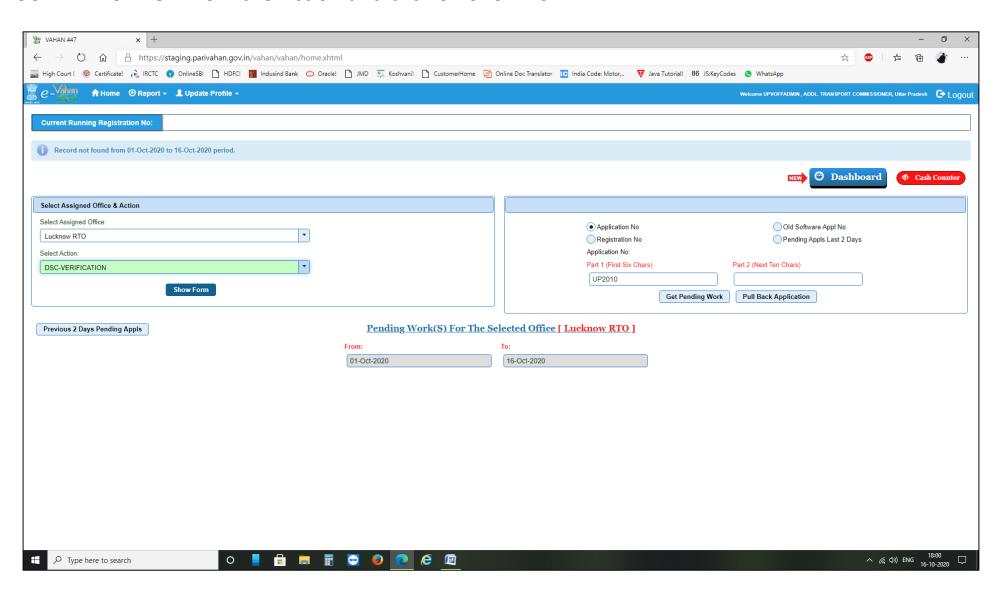
5. Now enter your PIN & click on verify PIN



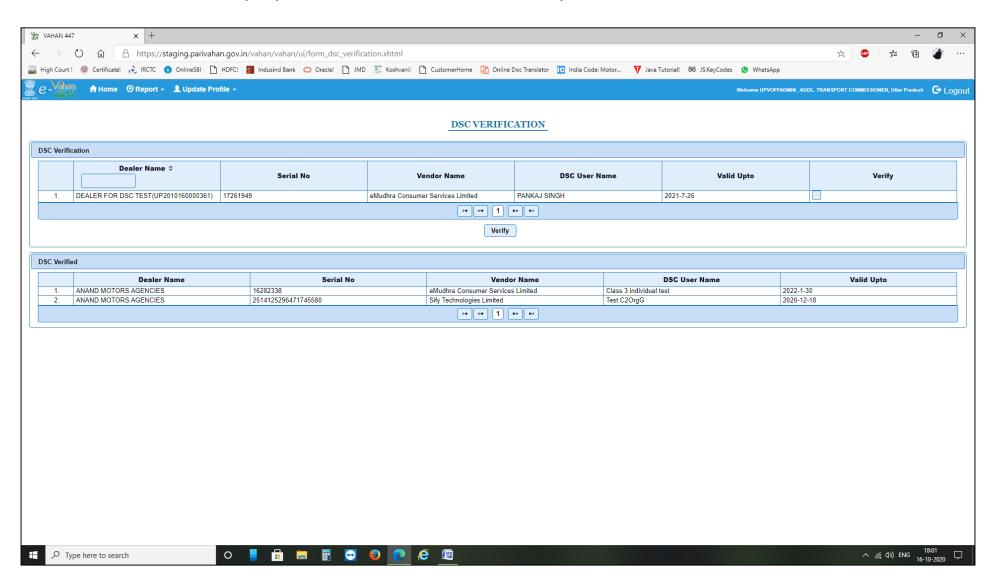
6. Application for DSC Registration done successfully.



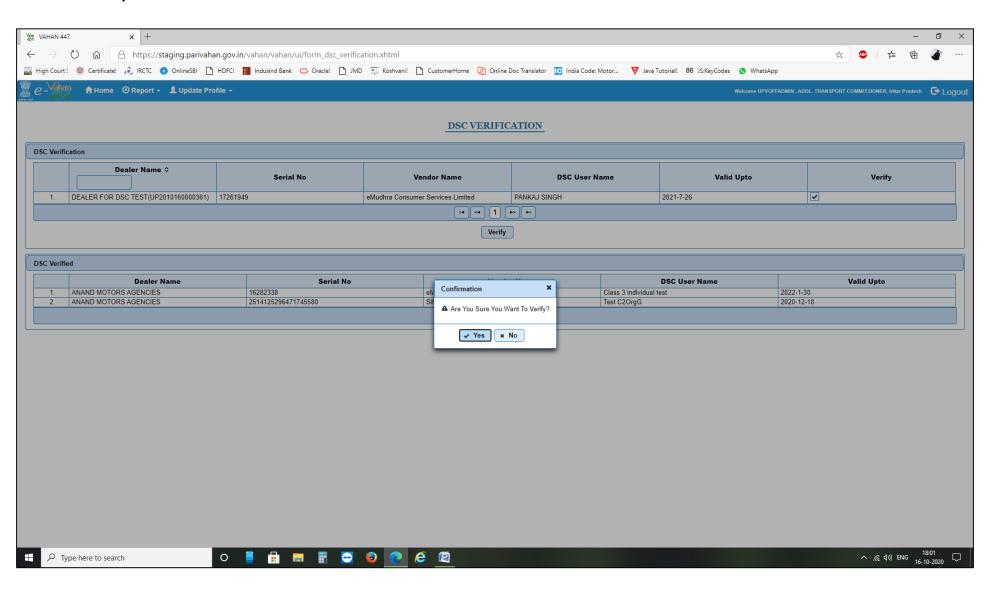
7. Select DSC-VERIFICATION from the Action and click on Show Form.



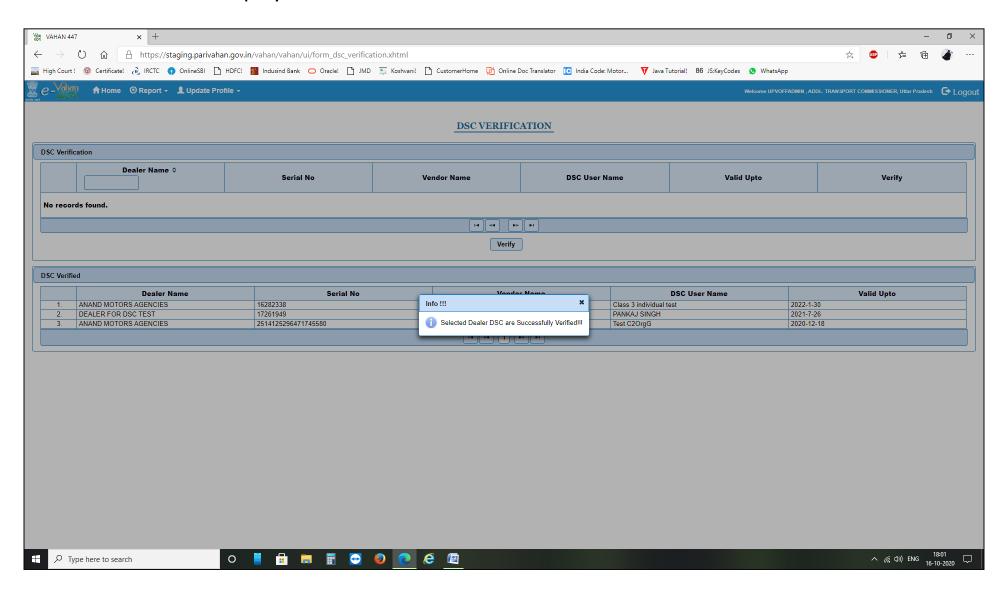
8. The name of dealer & DSC is displayed. Select the Dealer & verify the DSC.



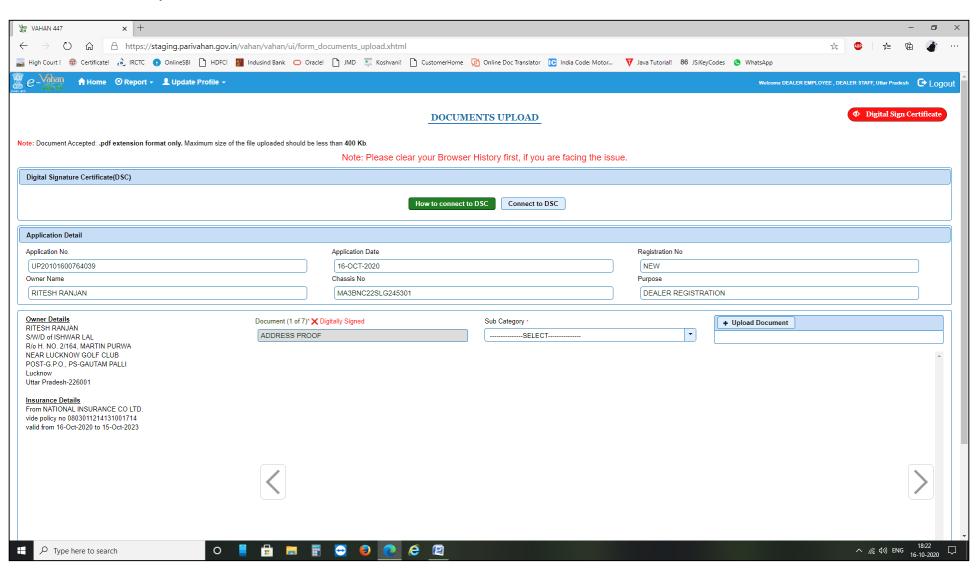
9. Click on Yes to verify dealer's DSC.



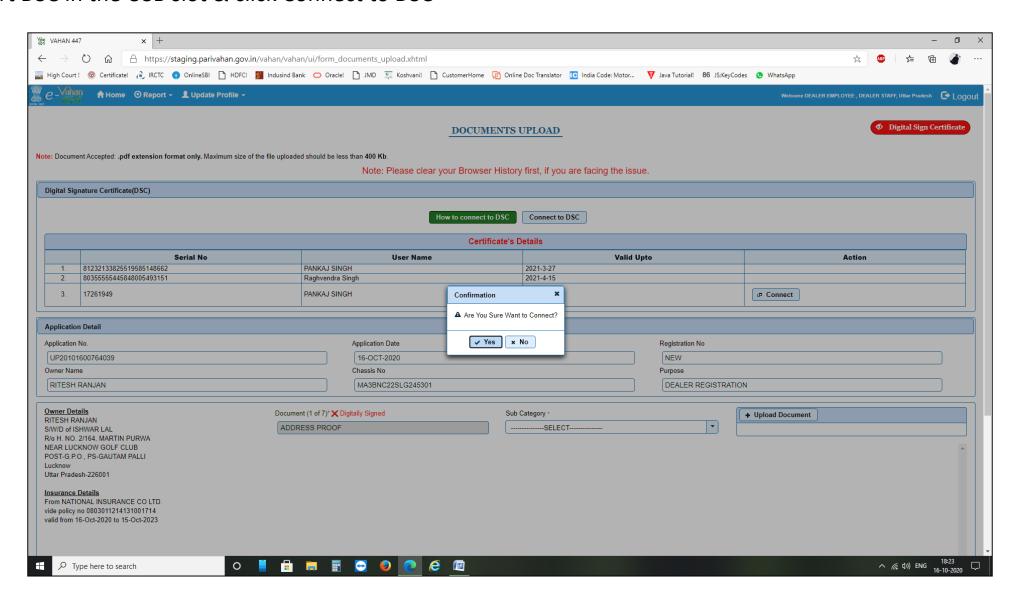
10. Name of the dealer is now displayed in DSC Verified list.



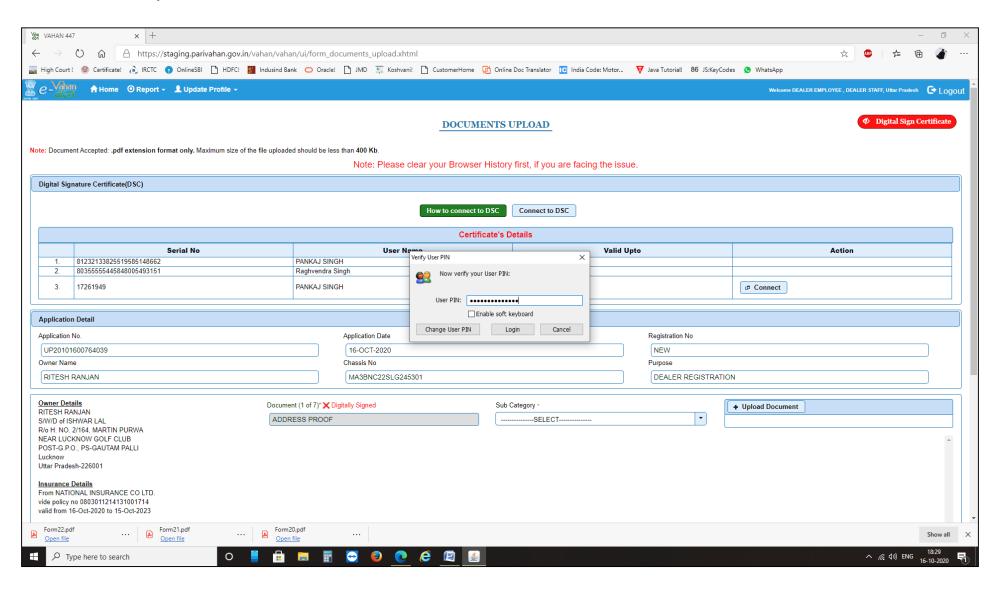
11. Go to the Document Upload section.



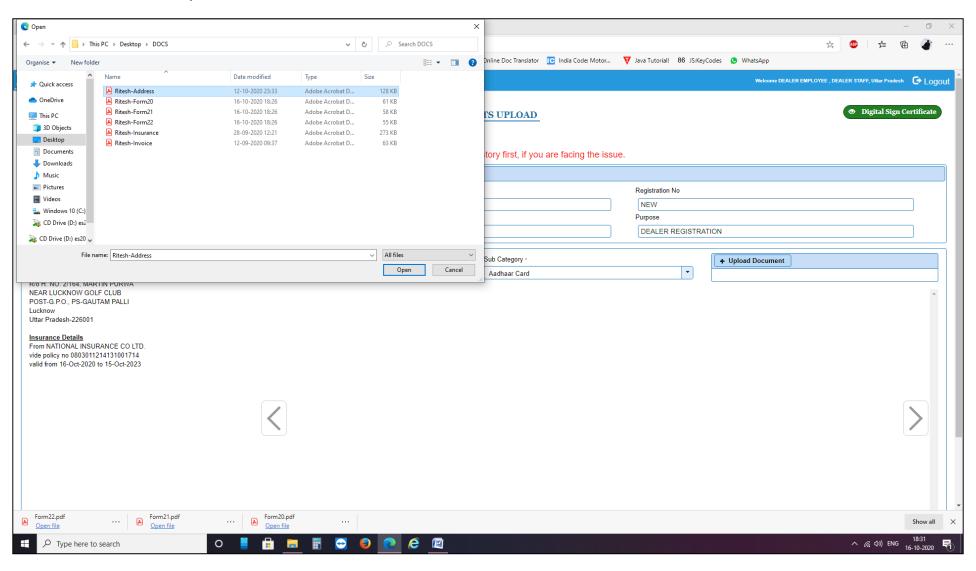
12. Insert DSC in the USB slot & click Connect to DSC



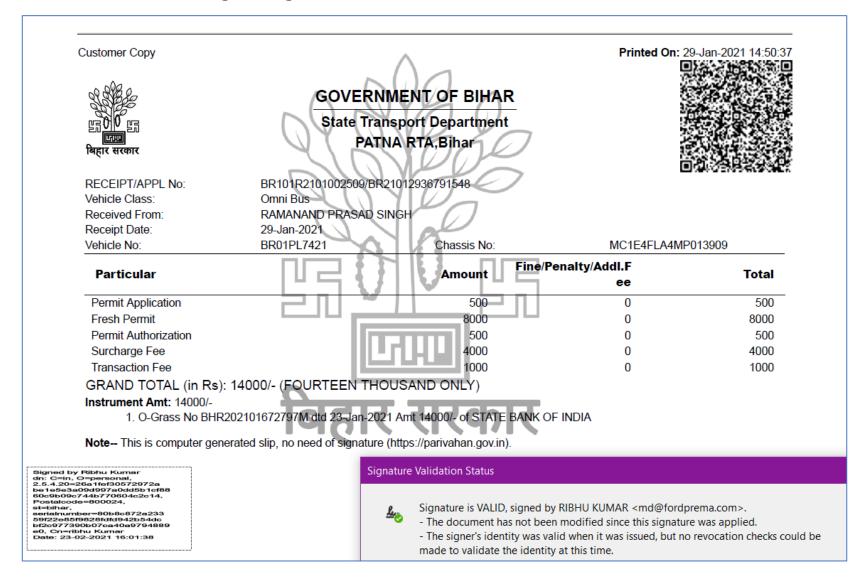
13. Enter the PIN to verify DSC connection.



14. Select the documents & upload.

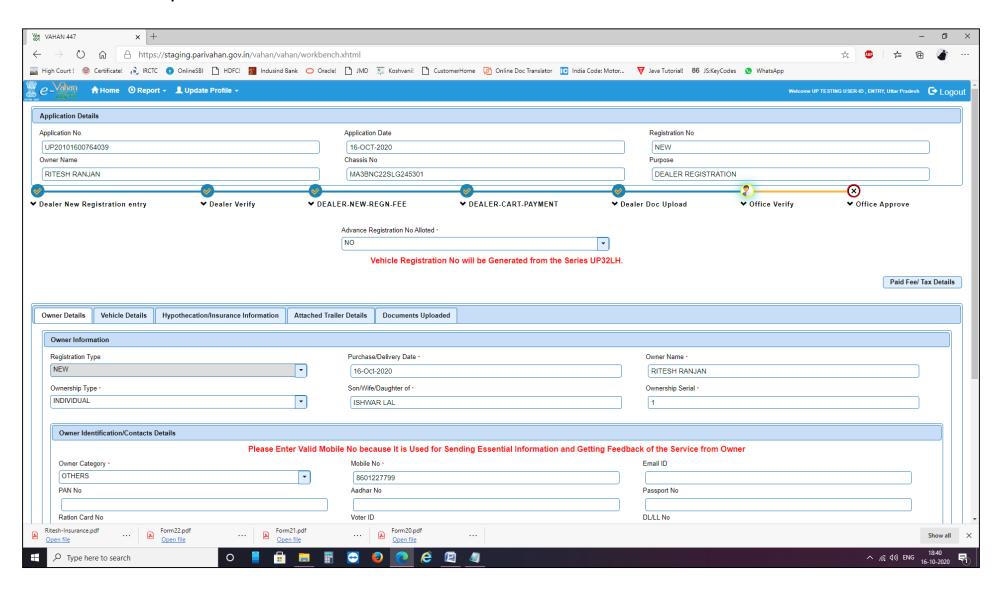


15. All documents would bear a Digital Sign in the bottom left corner.



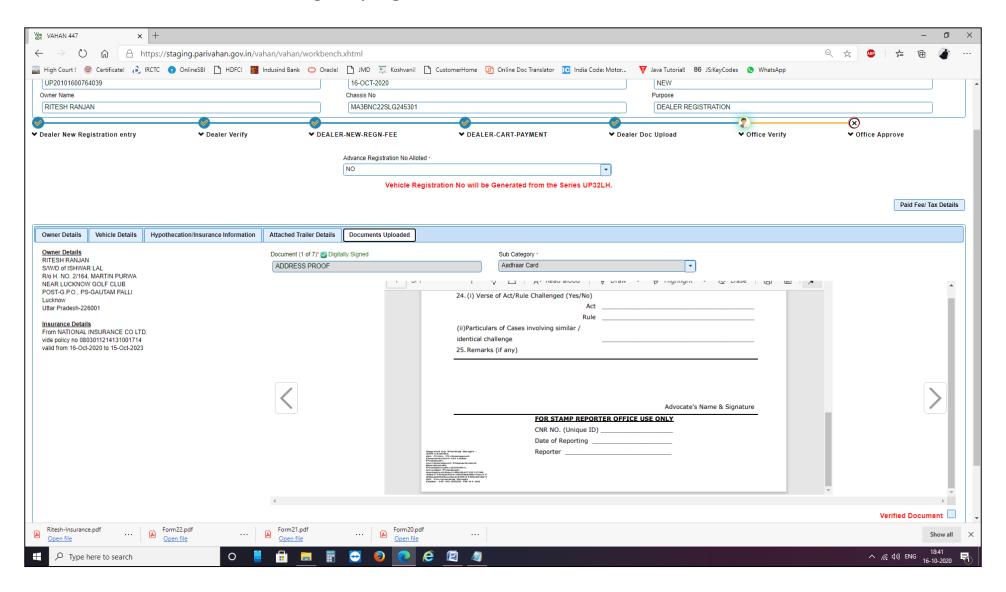
#### PART D - DOCUMENT VERIFICATION PROCESS [OFFICE STAFF LOGIN ]

16. Go to the Document Uploaded section.



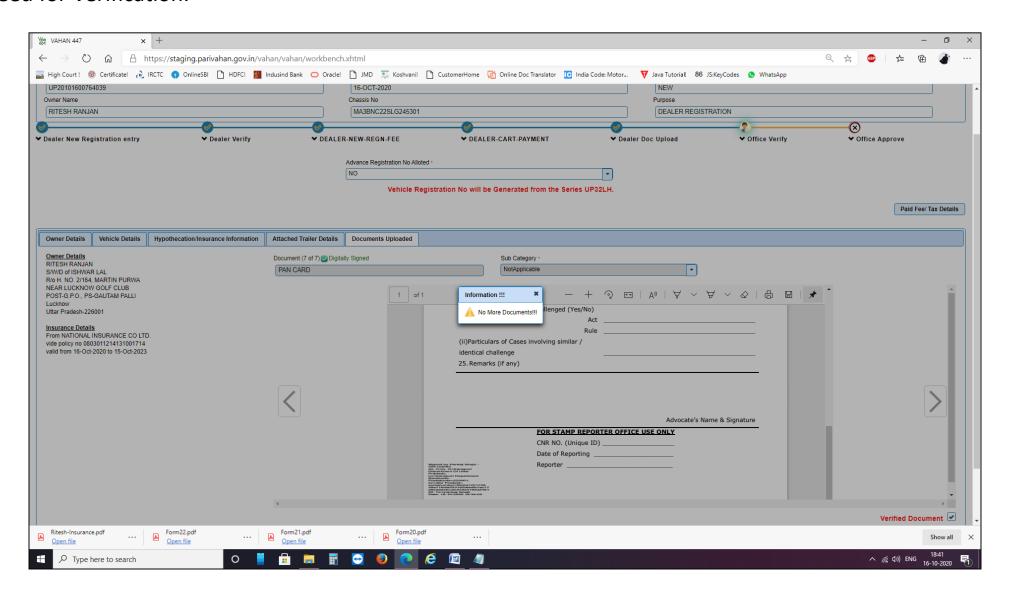
#### PART D - DOCUMENT VERIFICATION PROCESS [OFFICE STAFF LOGIN ]

17. Check if the documents have been digitally signed



#### PART D - DOCUMENT VERIFICATION PROCESS [OFFICE STAFF LOGIN ]

18. Proceed for Verification.



### **Any Questions?**

### Thank You