Installation of BAS Application on Desktop

Software and Hardware Requirements:

- **Operating System: Windows 7/8** based PC
- 1 GB RAM and 1GB Disk space.
- Microsoft .net framework 3.5 or later for Windows 7 and Microsoft .net framework 4.0 or later for Windows 8.
- Biometric Fingerprint/Iris device with USB port
- Internet connection with minimum 256 kbps speed.
- Microsoft VC++ Redistributable packages (2008,2010)

Biometric Devices Supported:

- **Startek FM220**
- IriShield/ Iritech Iris scanner
- Mantra MFS 100 fingerprint
- Nitgen-HFDU08
- Cogent CSD200
- Secugen

PROCEDURE

1. Download the BAS application software using Nodal officer login. On the Console menu click on **BAS for Desktop**. Application will start downloading in zip format. Unzip the application to use it. Sub offices may contact nodal officer for software.
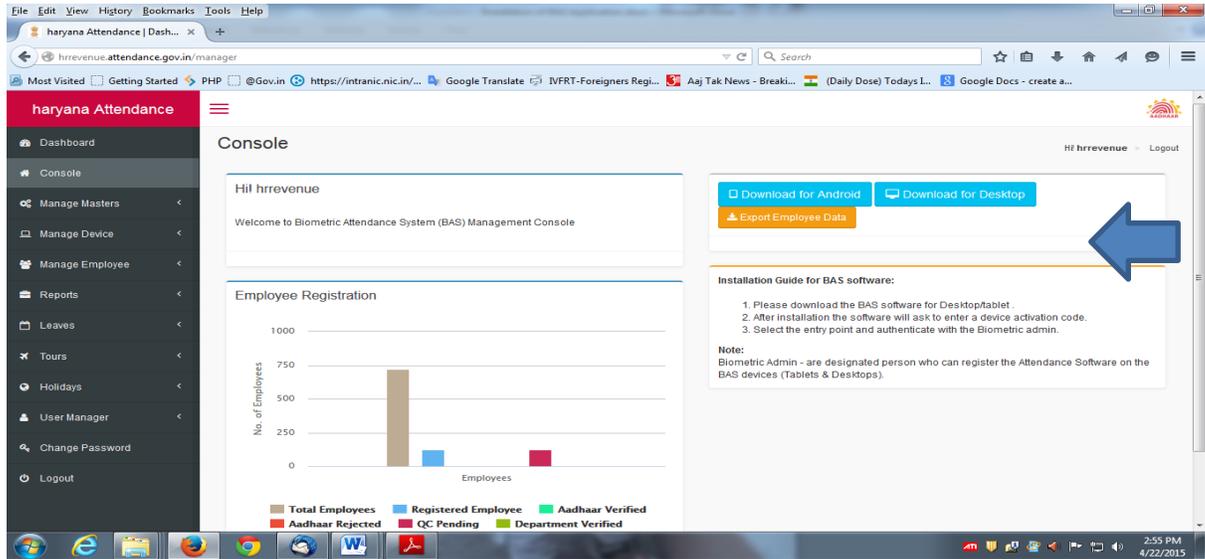
2. To check your Operating System configuration (32 bit/64 bit) right click on **Computer** icon then click on **Properties**. Also check for the version of Microsoft .Net framework installed on your system from **Control Panel>Program and Features**. If Microsoft .Net Framework is not installed on machine install from Microsoft website.
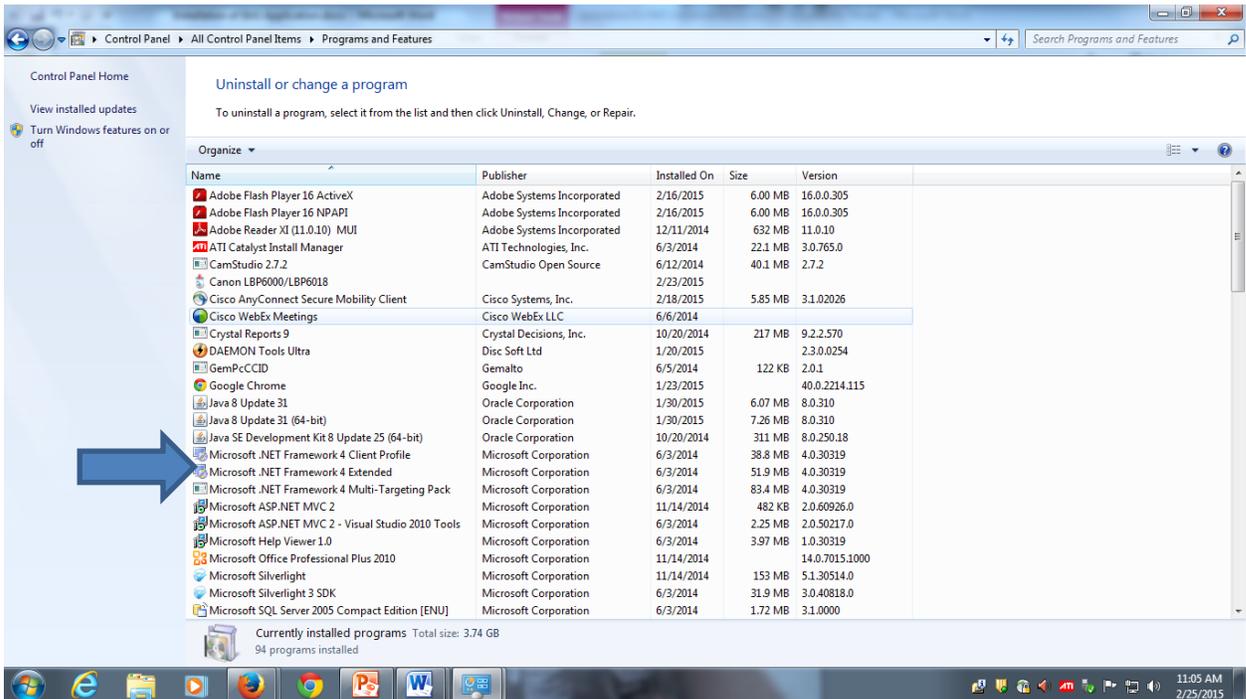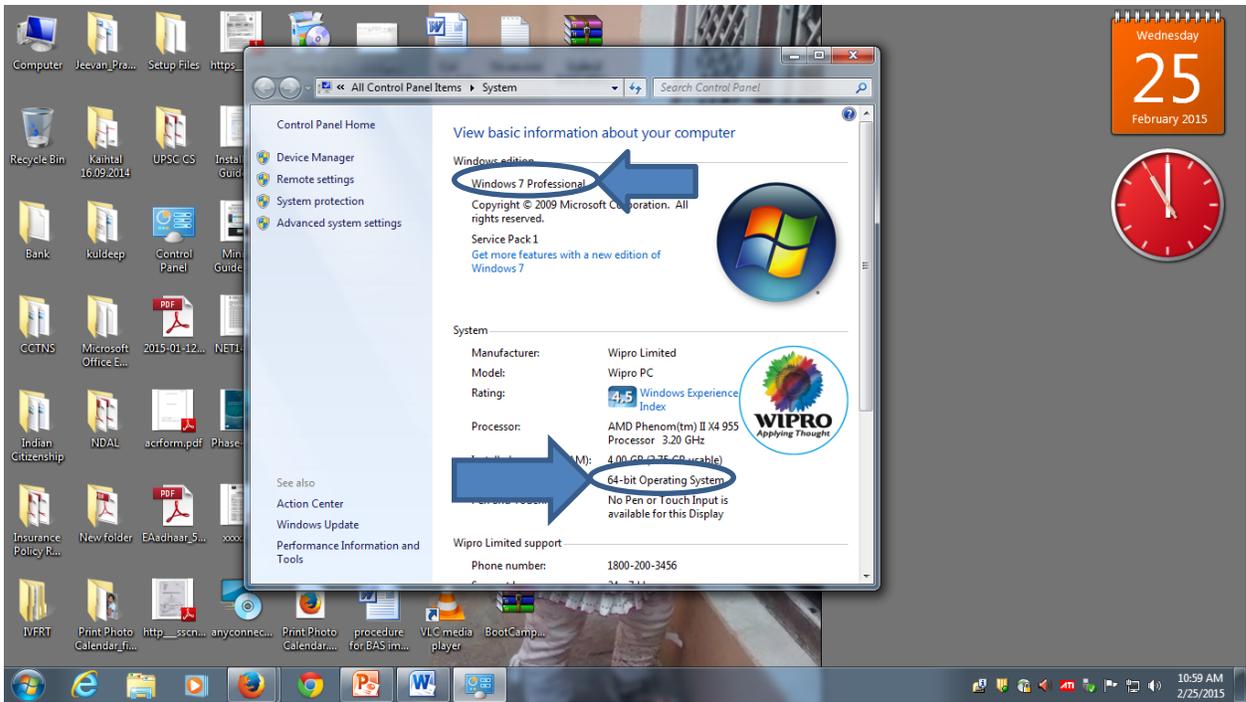
3. Open Application folder and right click on the BASSetup3.5.exe/ BASSetup4.0.exe (as per.net framework) and **Run as Administrator**.

4. Select the Operating System Windows 7/8 and architecture 32/64 bit for and hit Next button.
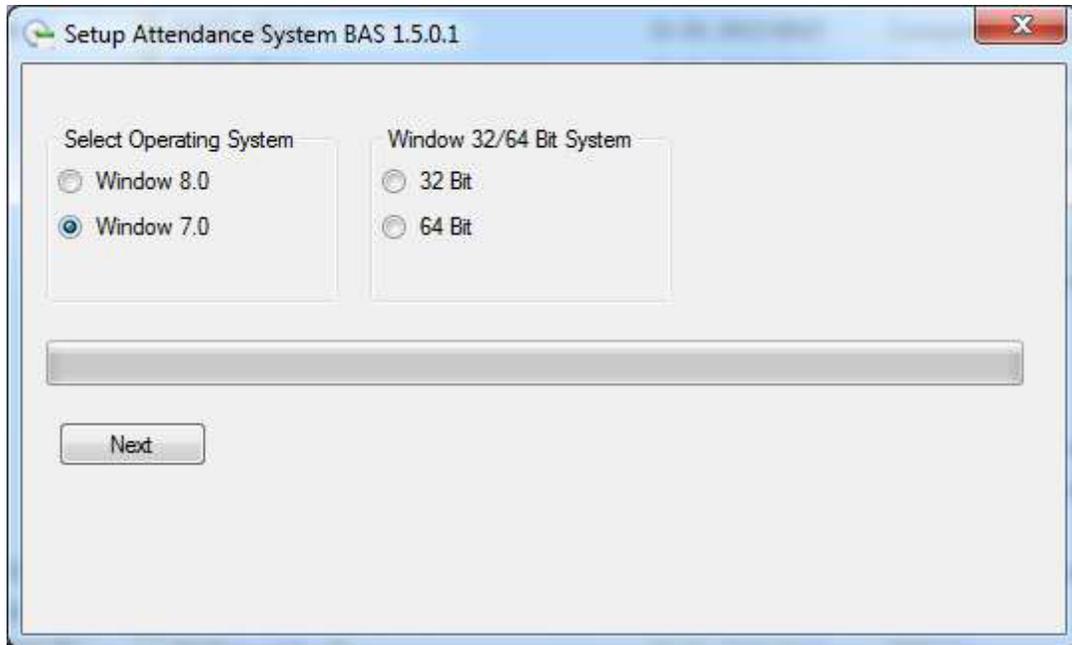
5. The installation will complete, click OK button to reboot your computer.

6. After reboot go to **C:\ FingerprintSensors> Drivers** folder and install the device driver for the FP device to be used on the system for the OS architecture 32/64 bit.

For Satrtek FM220

I. Connect Startek Finger Print scanner to USB port of PC.

II. Now Open Control Panel> Device Manager and you should be able to see FM220 in Other devices as shown below
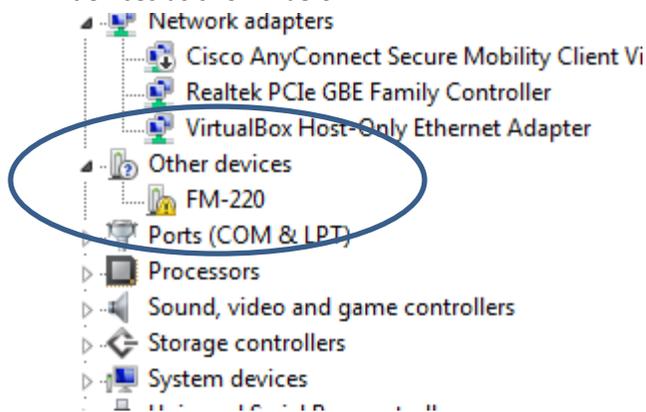
III. Right click on FM220 and select Upate driver. Following screen appears
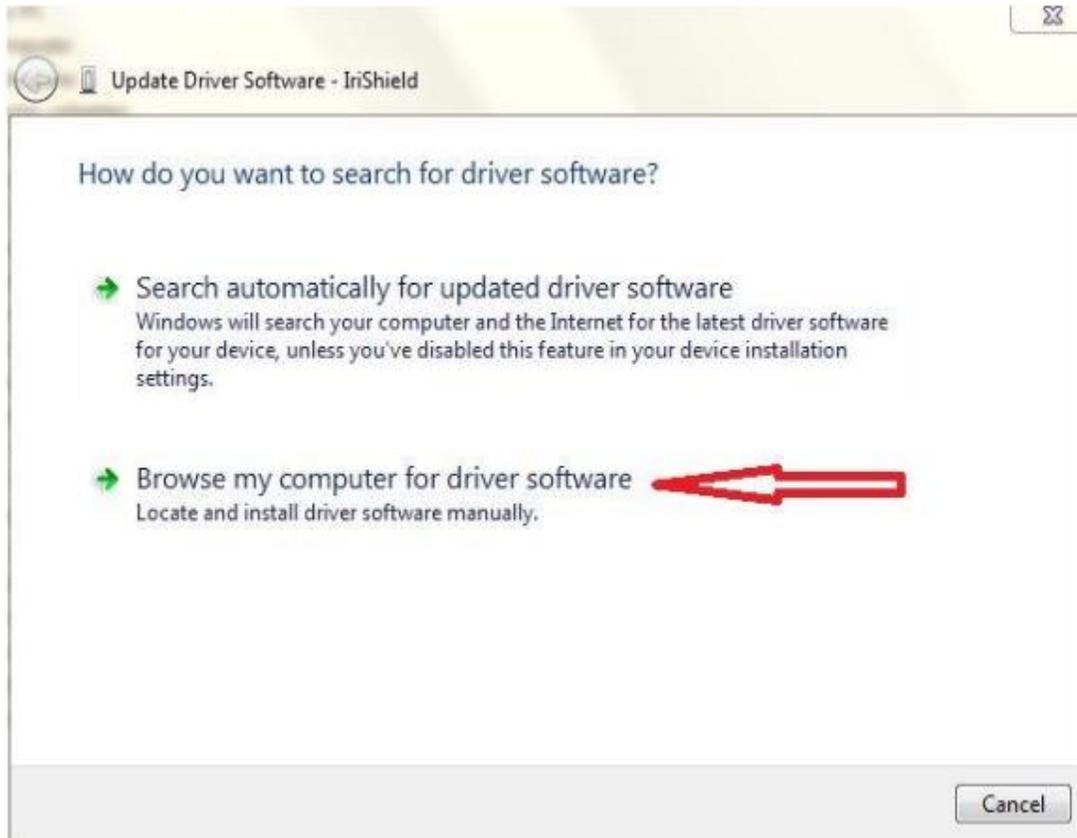
IV. Click on **Browse my computer for driver software** and select the location of the device driver from C:\FingerprintSensors\Drivers\Startek FM220

V.   Click next to install driver. After installation following screen will appear.
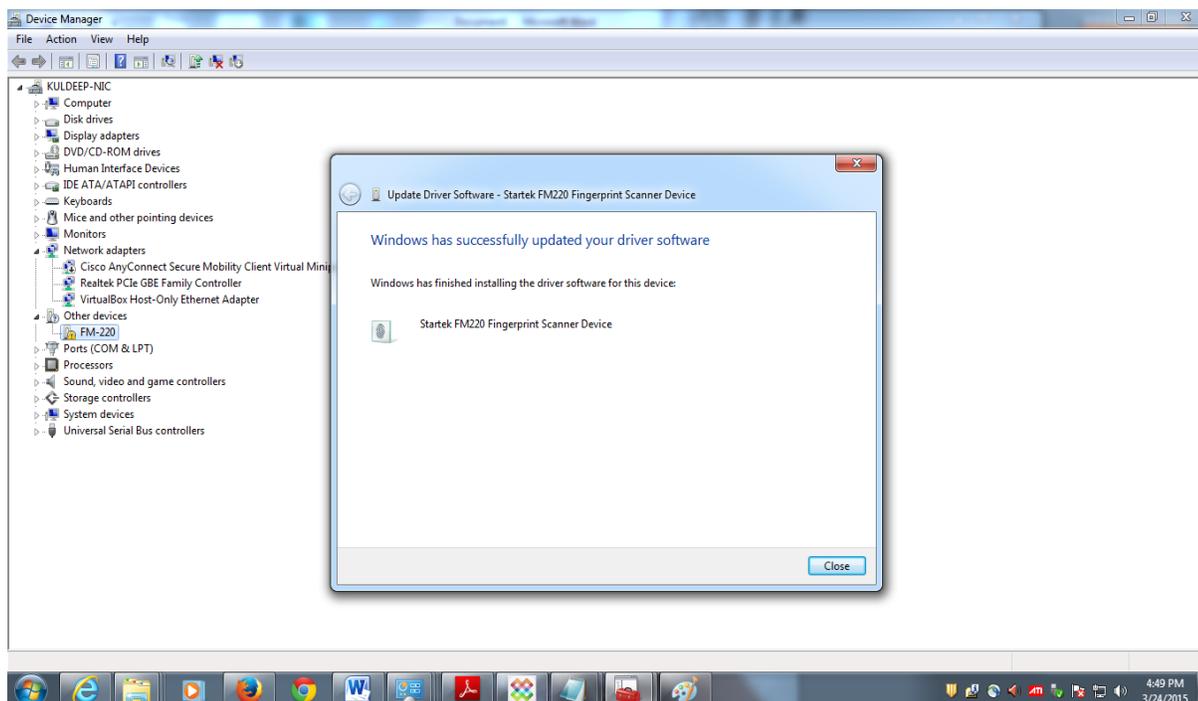
7. Connect your biometric fingerprint device to your computer and then double click on the BAS icon on the desktop to launch the application.

8. The application will open and prompt for Domain (Select domain Name as **Haryana**).
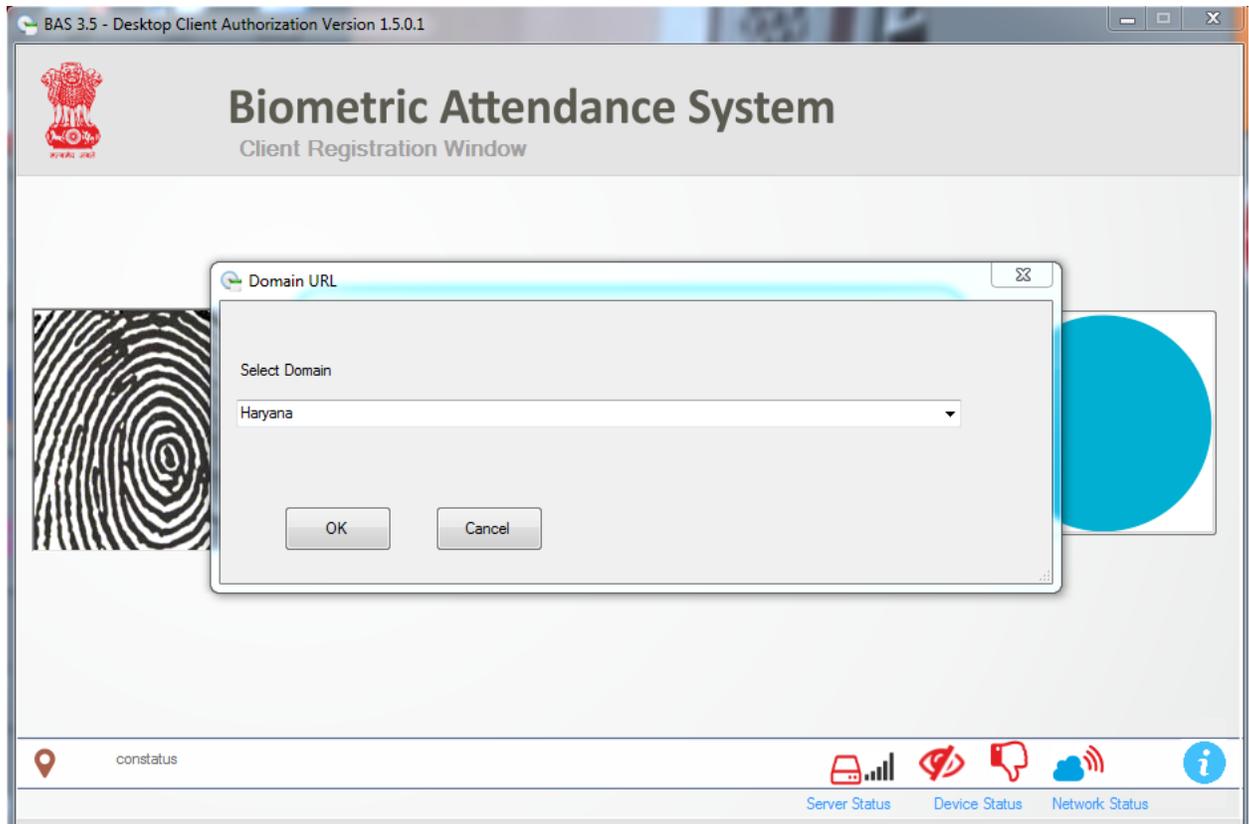
9. If some DLL error occurs, install (as per your OS architecture 32 bit/ 64 bit) following visual C++ Redistributable packages from Microsoft.

- Microsoft Visual C++ 2005 Redistributable Package (x86)

- Microsoft Visual C++ 2008 Redistributable Package (x86)

- Microsoft Visual C++ 2008 SP1 Redistributable Package (x86)

- Microsoft Visual C++ 2010 Redistributable Package (x86)

- Microsoft Visual C++ 2010 SP1 Redistributable Package (x86)

64 Bit OS

- Microsoft Visual C++ 2005 Redistributable Package (x64)

- Microsoft Visual C++ 2008 Redistributable Package (x64)

- Microsoft Visual C++ 2008 SP1 Redistributable Package (x64)

- Microsoft Visual C++ 2010 Redistributable Package (x64)

- Microsoft Visual C++ 2010 SP1 Redistributable Package (x64)

10. After the domain is selected the application will ask for Activation code. For activation code, **ask your Nodal officer.**

For Nodal Officer

- Login into your organization with nodal officer userid/passwd

- Click Manage Device, then Activation code

- Select Location and Name of the Biometric Admin as in following fig.
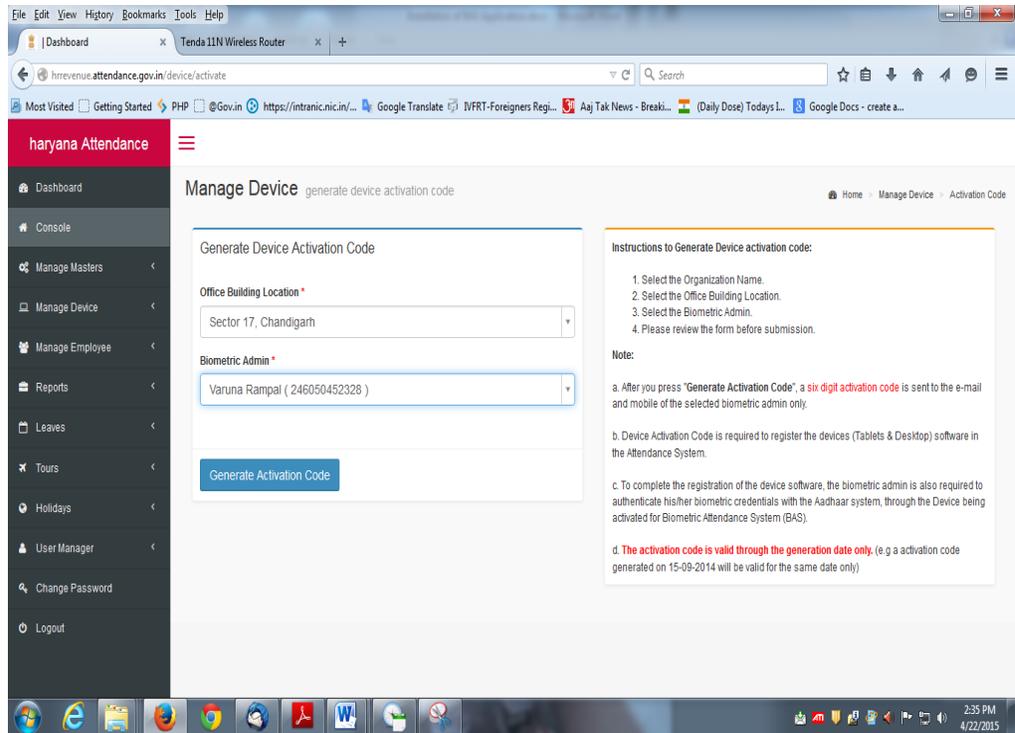
11. Only a Biometric Admin to whom activation code is sent can activate a device.

12. Enter the activation code, select entry point and **put your finger at the biometric scanner**. A message saying "**Client Authorized**" will be displayed on the screen.