

BIOMETRIC DEVICE INSTALLATION **GUIDELINE**



USER MANUAL
Version (1.0)

Table of Contents

Page No.

1. Hardware & Software Requirement

1.1)	Hardware Requirements-----	3
1.2)	Software Requirements -----	3

2. Installation Instructions

2.1)	Steps for installing biometric device driver-----	5
2.2)	Steps for installing biometric device setup-----	9

3. Operating Instructions

3.1)	Register Beneficiary -----	11
3.2)	Update Registered Beneficiary-----	15
3.3)	Attendance -----	17

1) Hardware & Software Requirement

1.1) Hardware Requirements

For the proper functioning of the biometric device, bellow hardware requirements must be fulfilled at the client side:

- **Biometric Device:** Use the latest biometric device. In our case we are using **NITGEN biometric device (Model: HFDU08).**

1.2) Software Requirements

- **Driver of Biometric Device:** Driver of Biometric device can be downloaded from the NULM website (<http://nulm.gov.in>)

Click on the link (others -> Download Driver for Biometric Device)

National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

Mission Document | Component Guidelines | User Manual | FAQs | Letters | Office Memorandum | Minutes of Meeting | Others

Regional workshop
Important Links
Contact Details
Download Adobe Reader
Download Winzip
Download Driver for Biometric Device
Download Setup for Biometric Device

Shri M.Venkaiah
(Hon'ble Minister)

Login

NULM MIS
MPR Login

National Urban Livelihoods Mission :

Click on the link to download device driver.

To reduce poverty and vulnerability of the urban poor households by enabling them to access gainful self employment and skilled wage employment opportunities, resulting in an appreciable improvement in their livelihoods on a sustainable basis, through building strong grassroots level institutions of the poor. The mission would aim at providing shelters equipped with essential services to the urban homeless in a phased manner. In addition, the mission would also address livelihood concerns of the urban street vendors by facilitating access to suitable spaces, institutional credit, social security and skills to the urban street vendors for accessing emerging market opportunities.

What's New
management unit (NMMU) for National Urban Livelihoods Mission (NULM) of Ministry of Housing & Urban Poverty Alleviation.

- **Setup of Biometric Device:** Setup of Biometric device also can be downloaded from the NULM website (<http://nulm.gov.in>)

Click on the link (others -> Download Setup for Biometric Device)

National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

Mission Document | Component Guidelines | User Manual | FAQs | Letters | Office Memorandum | Minutes of Meeting | Others

Regional workshop
Important Links
Contact Details
Download Adobe Reader
Download Winzip
Download Driver for Biometric Device
Download Setup for Biometric Device

Shri M. Venkaiah
(Hon'ble Minister)

Login
NULM MIS
MPR Login

National Urban Livelihoods Mission :

To reduce poverty and vulnerability of the urban employment and skilled wage employment opportunities, resulting in an appreciable improvement in their livelihoods on a sustainable basis, through building strong grassroots level institutions of the poor. The mission would aim at providing shelters equipped with essential services to the urban homeless in a phased manner. In addition, the mission would also address livelihood concerns of the urban street vendors by facilitating access to suitable spaces, institutional credit, social security and skills to the urban street vendors for accessing emerging market opportunities.

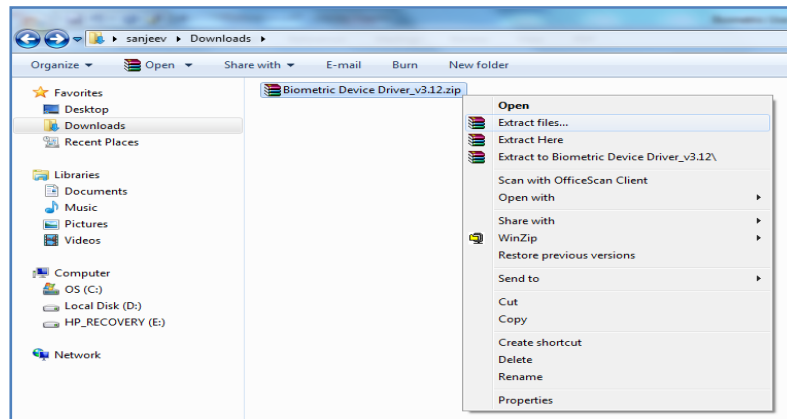
What's New
for sponsoring agencies for Operating a National Mission Management Unit (NMMU) for National Urban Livelihoods Mission (NULM) of Ministry of Housing & Urban Poverty Alleviation.

Click on the link to download setup.

2) Installation Instructions


2.1) Steps for installing biometric device driver

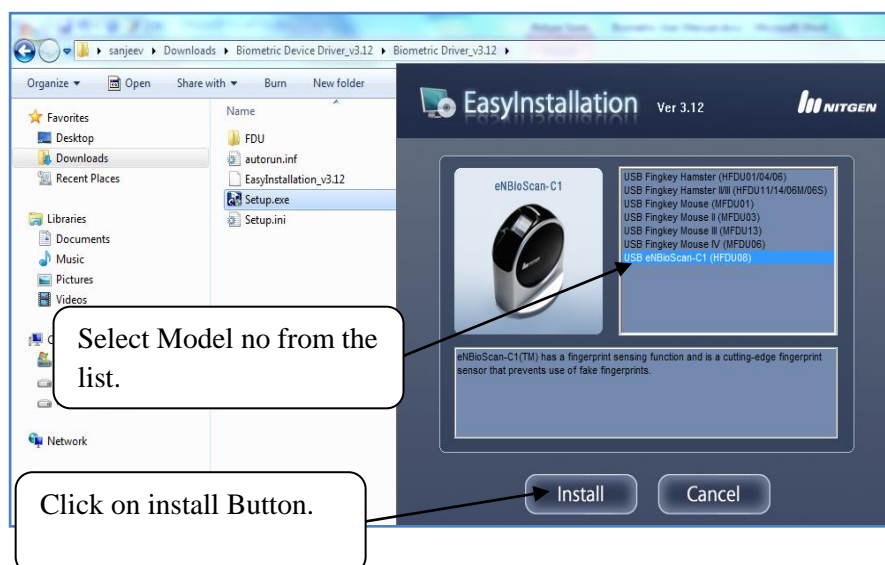
Step 1. Your downloaded file Name would be (Biometric_Device_Driver_v3.12.zip).
Unzip file by right click on the zip folder.

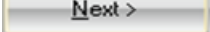


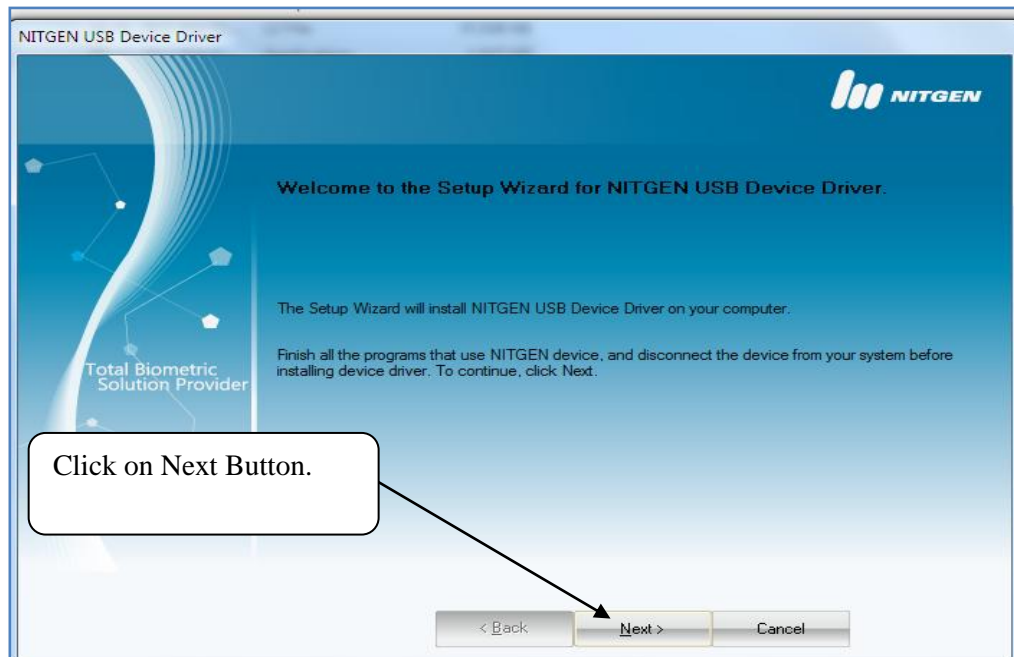
Step 2. Please unplug the biometric device from USB port if already connected.

Step 3. Now, Open **Setup.exe** file.

Select appropriate model no from the list. In our case we have selected
(USB eNBioScan-c1 (HFDU08)) and finally click on  button.



Step 4. Click on  button to install drivers

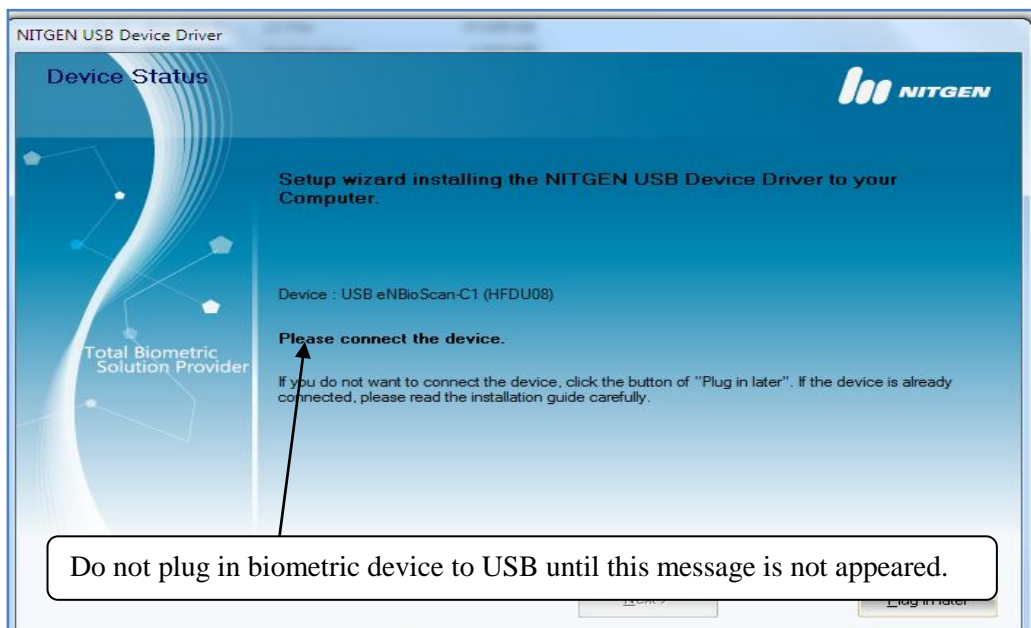


Step 5. When setup will ask to plug in device to USB then only plug in.

Please wait for a movement for the message (**Please connect the device**) is to appear on the screen. Once the message is appeared (**Please connect the device**), please connect the biometric device in the USB port. You should not click on the button

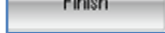


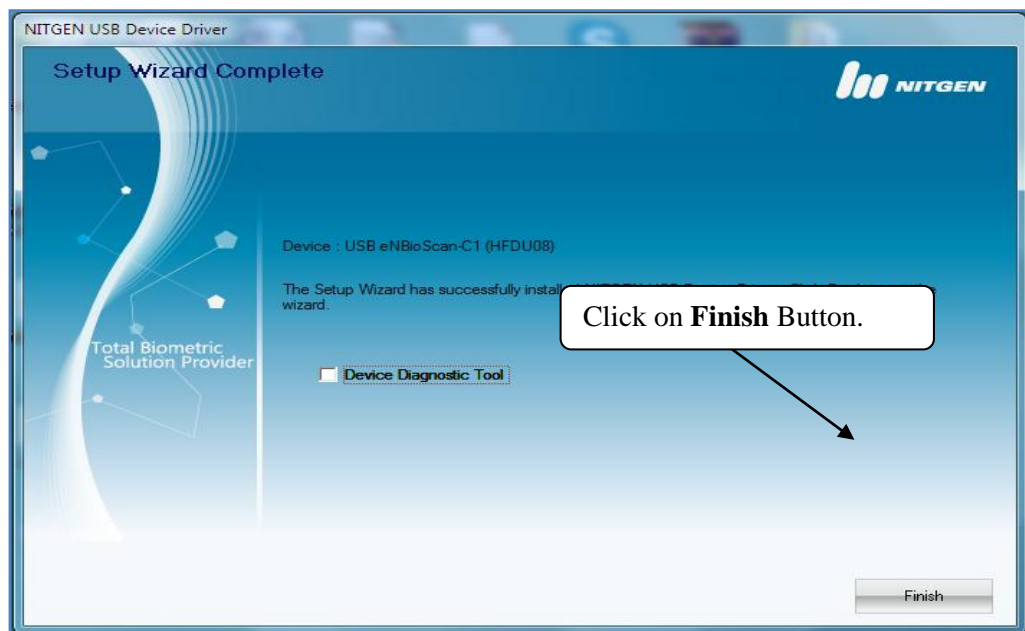
. After connecting biometric device in USB port you will get the **finish** button. Press the finish button to complete the installation.



Step 6. Plug in biometric device like this:-



Step 6. Once it is installed successfully. Finally click on  button.



Steps to check whether the biometric driver is installed or not.

Step 7. To check whether driver is installed successfully or not follow the bellow instruction:-

Go to Start >> run and type **NFD** and then press enter. This will open device diagnostic utility. Under Device tab click on **device scan** button, click **init** button then place finger on sensor and click capture. Just check if image appear on left window or not. If appeared that means drivers installed successfully.

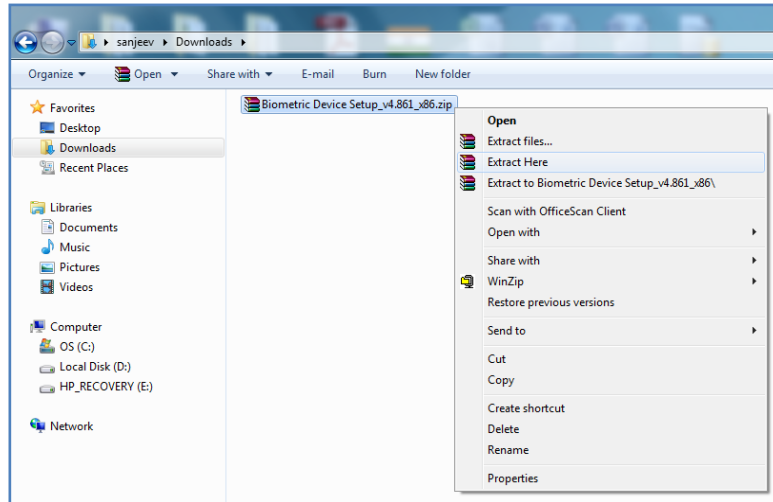
The image shows a Windows 'Run' dialog box with 'NFD' entered in the 'Open:' field. Below it is the 'NITGEN Fingerprint Device Diagnostic Utility' window. The 'DEVICE' tab is selected, showing a 'CAPTURE' area on the left and a control panel on the right. Five numbered steps are overlaid on the image with arrows pointing to specific UI elements:

- Step 7.1.** Click on **Device** Tab.
- Step 7.2.** Click on **Device Scan** Button
- Step 7.3.** Click on **Init** button
- Step 7.4.** Place the finger on the biometric sensor and click on **capture** button.
- Step 7.5.** If the finger print image is appeared here, it means drivers installed successfully.

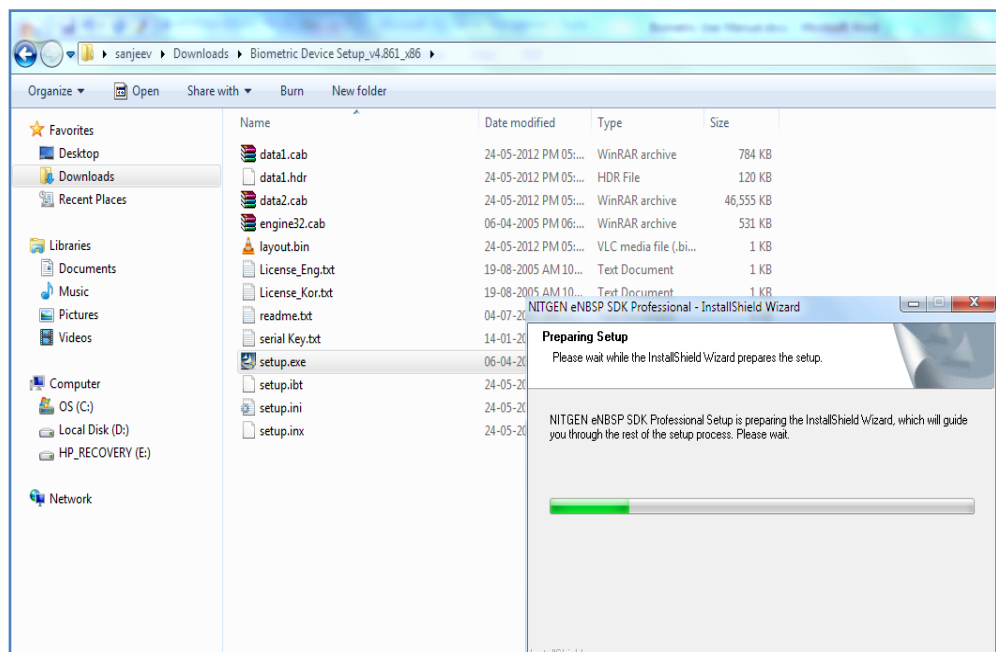
2.2) Steps for installing biometric device setup

Step 1. Your downloaded file Name would be (Biometric_Device_Setup_v4.861_x86.zip).

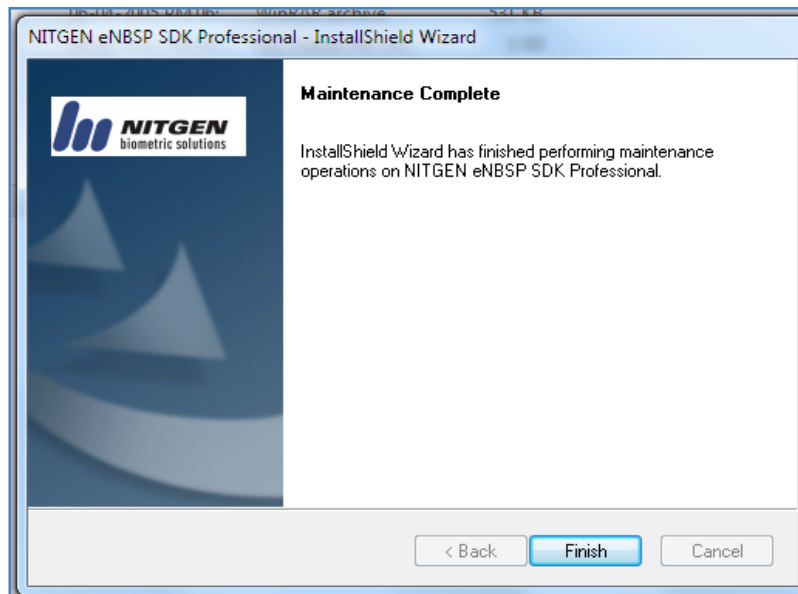
Unzip file by right click on the zip folder.



Step 2. Now, open the folder and click on **Setup.exe** file and follow the instruction.



Step 3. Finally click on  button



3.) Operating Instructions

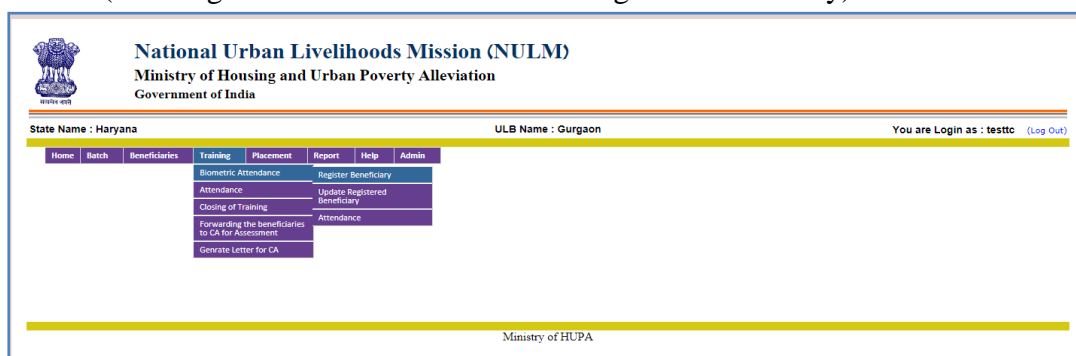
3.1) Register Beneficiary

Note:- Biometric device will work only on Internet explorer (version **above 8.0**)

Step 1. Open the NULM website (<http://NULM.gov.in>) in Internet explorer.

Step 2. Login with your training centre user ID and click on the menu:-

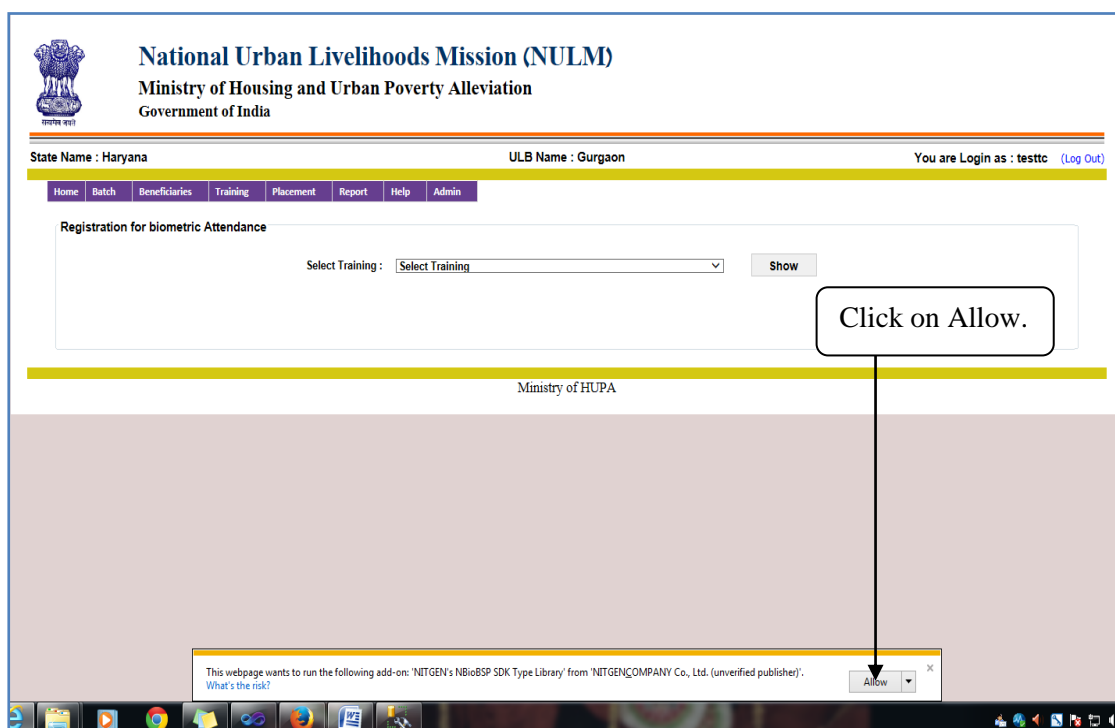
(Training-> Biometric Attendance-> Register Beneficiary)



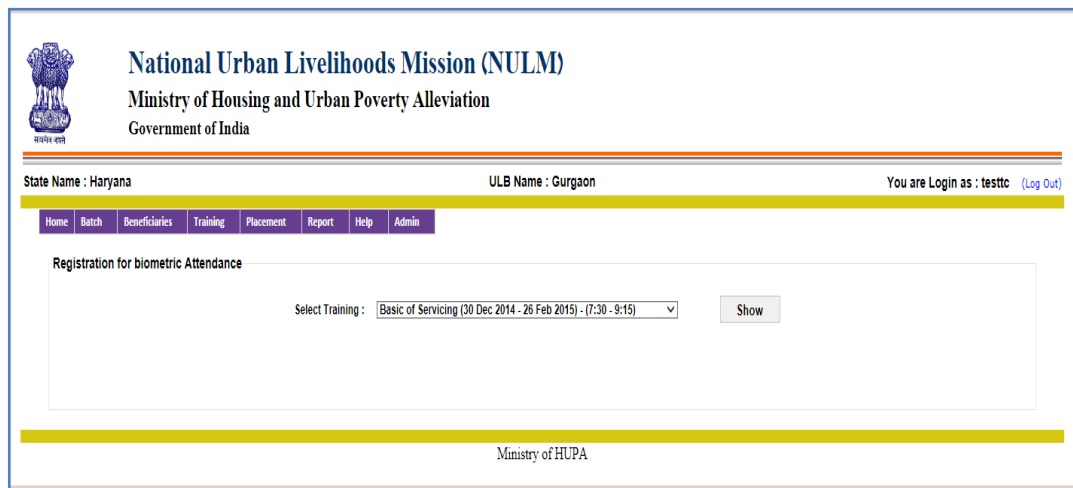
Step 3. A message on the browser will appear automatically. Please press



button on the message. (NITGEN'S NBioBSP SDK Type Library).



Step 4. Select training and click on **Show** button.



National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

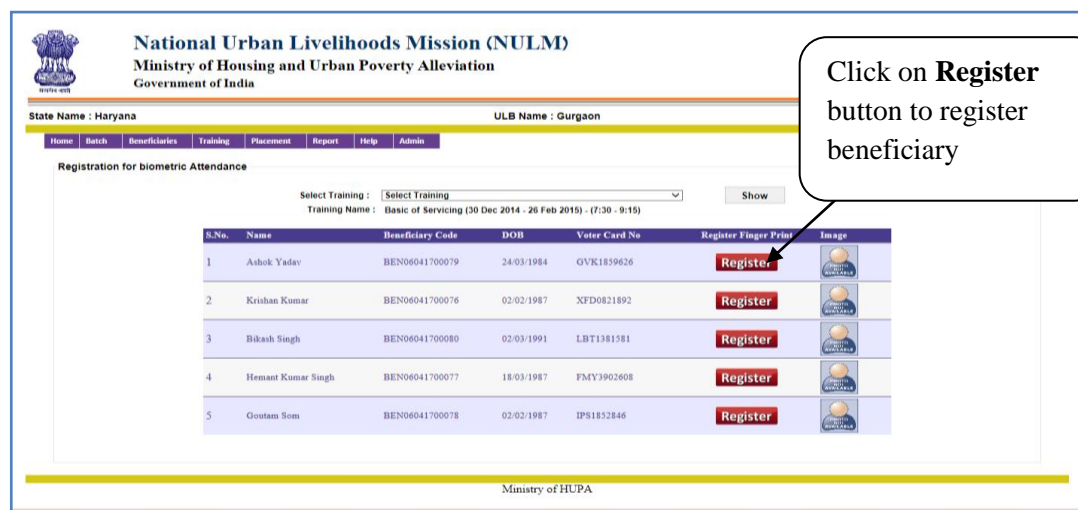
Home Batch Beneficiaries Training Placement Report Help Admin

Registration for biometric Attendance

Select Training : Basic of Servicing (30 Dec 2014 - 26 Feb 2015) - (7:30 - 9:15) Show

Ministry of HUPA

Step 5. Click on **Register** button to register beneficiary on the biometric attendance.



National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana ULB Name : Gurgaon

Home Batch Beneficiaries Training Placement Report Help Admin

Registration for biometric Attendance

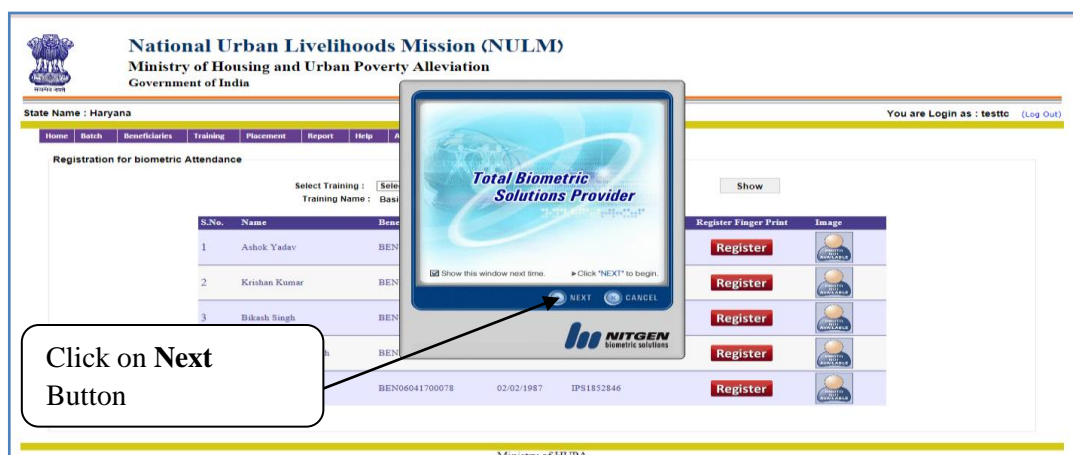
Select Training : Select Training Training Name : Basic of Servicing (30 Dec 2014 - 26 Feb 2015) - (7:30 - 9:15) Show

S.No.	Name	Beneficiary Code	DOB	Voter Card No	Register Finger Print	Image
1	Ashok Yadav	BEN06041700079	24/03/1984	GVK1859626	Register	
2	Krishan Kumar	BEN06041700076	02/02/1987	XFD0821892	Register	
3	Bikash Singh	BEN06041700080	02/03/1991	LBT1181581	Register	
4	Hemant Kumar Singh	BEN06041700077	18/03/1987	FMY3902608	Register	
5	Goutam Som	BEN06041700078	02/02/1987	IPS1852846	Register	

Ministry of HUPA

Click on **Register** button to register beneficiary

Step 6. A new window will be open. Click on **NEXT** button.



National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help A

Registration for biometric Attendance

Select Training : Select Training Training Name : Basic of Servicing (30 Dec 2014 - 26 Feb 2015) - (7:30 - 9:15) Show

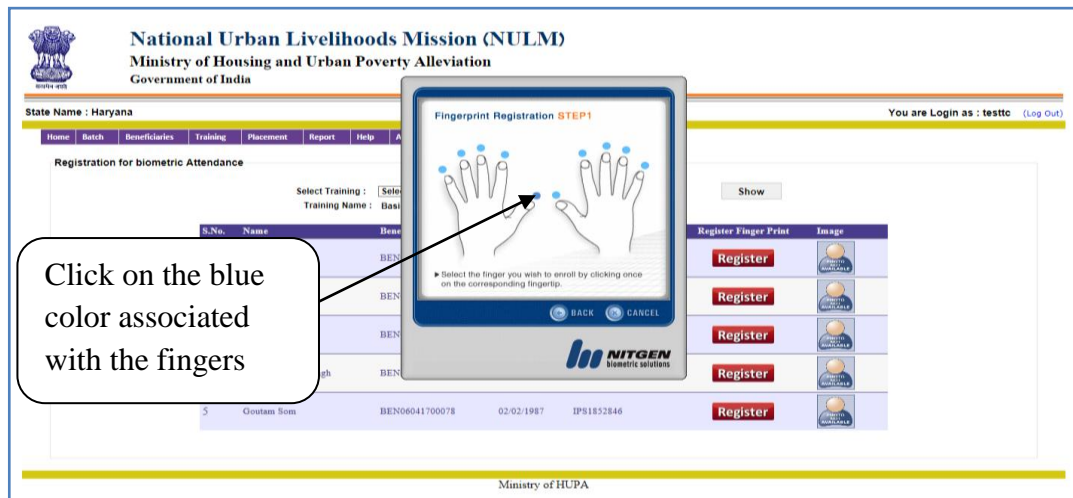
Click on **Next** Button

Total Biometric Solutions Provider
Show this window next time. Click "NEXT" to begin.
NEXT CANCEL
NITGEN Biometric solutions

S.No.	Name	Beneficiary Code	DOB	Voter Card No	Register Finger Print	Image
1	Ashok Yadav	BEN06041700079	24/03/1984	GVK1859626	Register	
2	Krishan Kumar	BEN06041700076	02/02/1987	XFD0821892	Register	
3	Bikash Singh	BEN06041700080	02/03/1991	LBT1181581	Register	
4	Hemant Kumar Singh	BEN06041700077	18/03/1987	FMY3902608	Register	
5	Goutam Som	BEN06041700078	02/02/1987	IPS1852846	Register	

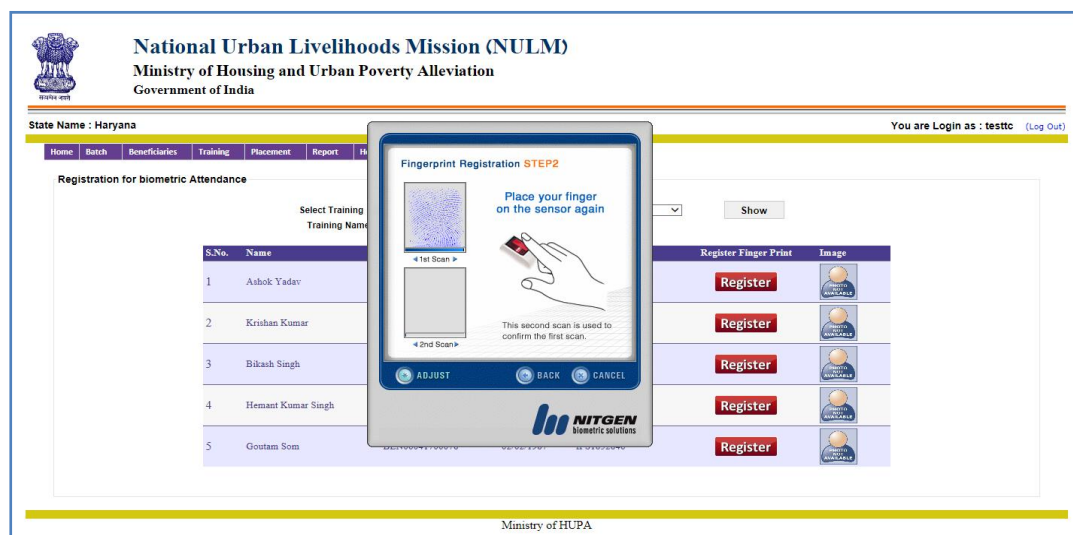
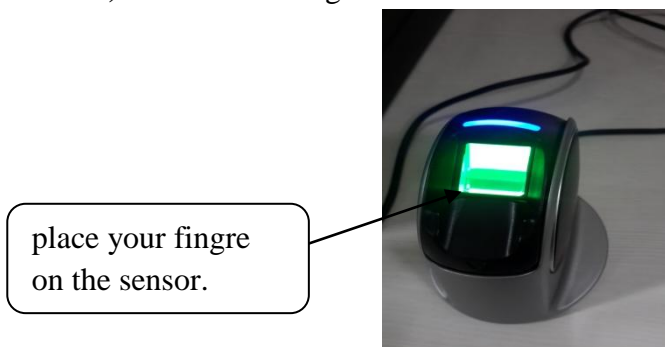
Ministry of HUPA


Step 7. Click on the blue color ● associated with the fingers.

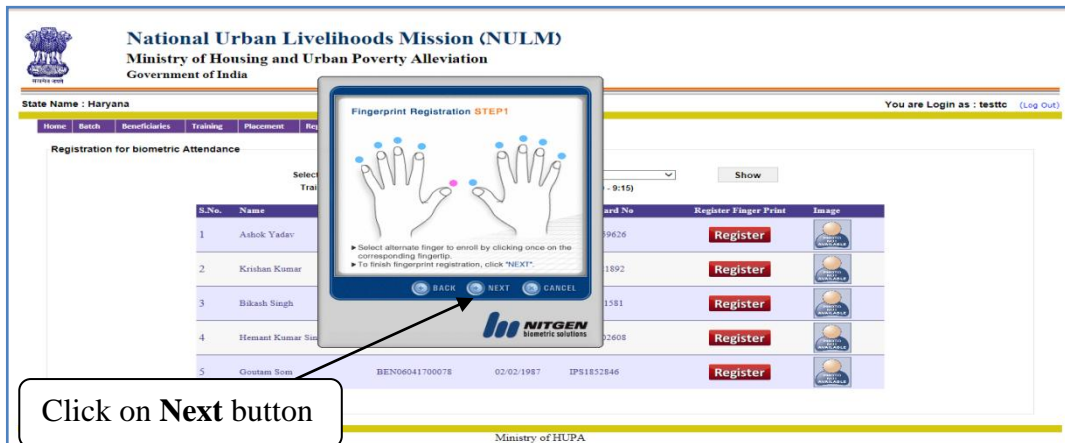


Step 8. Now place your finger (twice) on the sensor of biometric device.

- Place your finger on the sensor and remove it.
- Place same finger on the sensor to confirm.

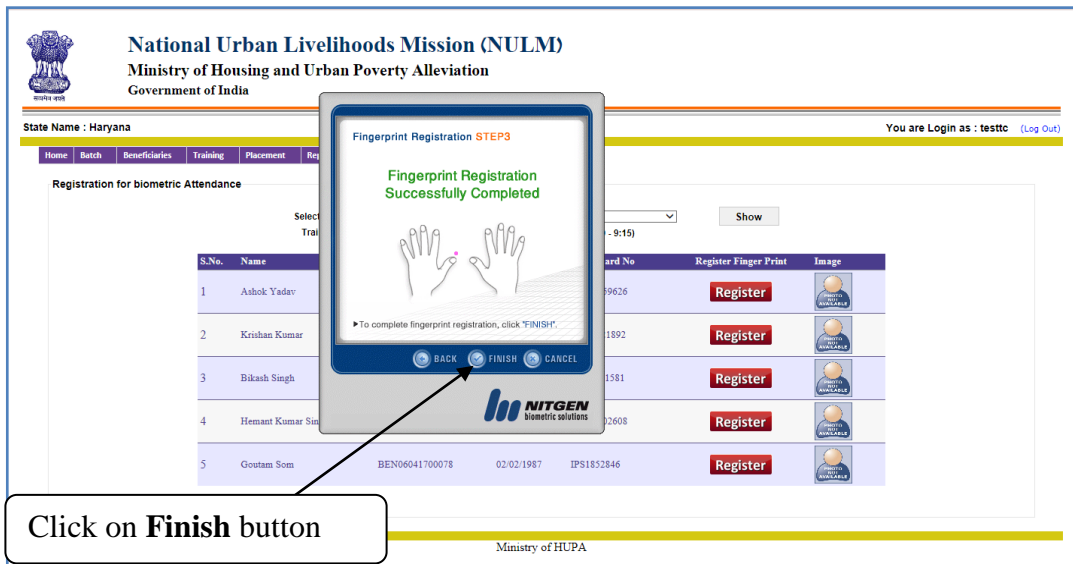


Step 9. After registration, click on  button.



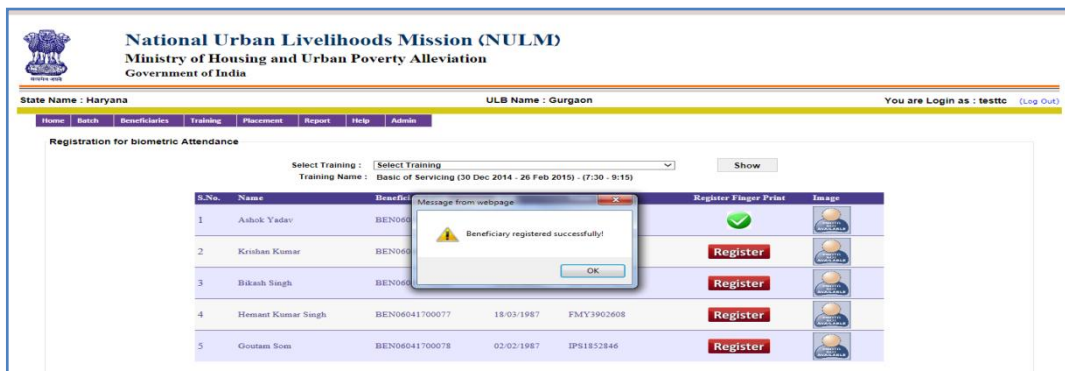
Click on **Next** button

Step 10. Finally click on  button to success registration.



Click on **Finish** button

Step 11. Once the registration is succeeded, a message will be popup
(Beneficiary registered successfully).



3.2) Update Beneficiary

Step 1. To update / change the registered finger of beneficiary, click on the following menu:-

(Training-> Biometric Attendance-> Update Registered Beneficiary)


National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help Admin

Biometric Attendance Register Beneficiary
Attendance Update Registered Beneficiary
Closing of Training Attendance
Forwarding the beneficiaries to CA for Assessment
Generate Letter for CA

Ministry of HUPA

Step 2. Select training and click on  button.

National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help Admin

Update Registered Beneficiary

Select Training : Show

Click on **Show** button

Ministry of HUPA

Step 3. Click on  button.

National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India


State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help Admin

Update Registered Beneficiary

Select Training : Show

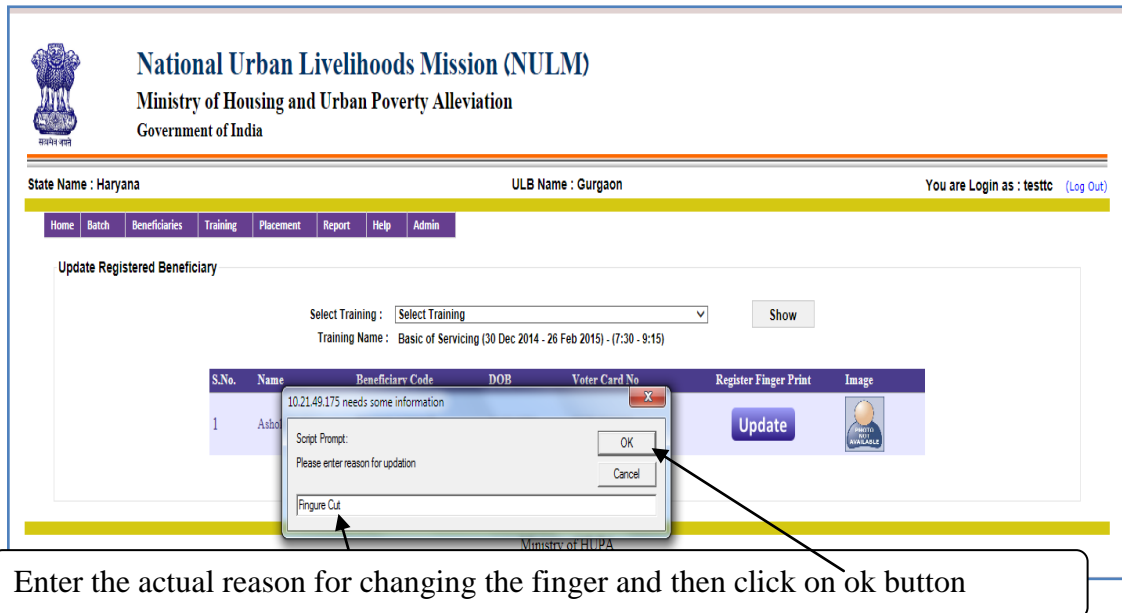
Training Name : Basic of Servicing (30 Dec 2014 - 26 Feb 2015) - (7:30 - 9:15)

S.No.	Name	Beneficiary Code	DOB	Voter Card No	Register Finger Print	Image
1	Ashok Yadav	BEN06041700079	24/03/1984	GVK1859626	Update	

Click on **Update** button

Ministry of HUPA

Step 4. It will ask you to enter the reason for changing the finger. Please fill the reason and click on ok button.



National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help Admin

Update Registered Beneficiary

Select Training : Show
Training Name : Basic of Servicing (30 Dec 2014 - 26 Feb 2015) - (7:30 - 9:15)

S.No.	Name	Beneficiary Code	DOB	Voter Card No	Register Finger Print	Image
1	Ashok	10.21.49.175			Update	

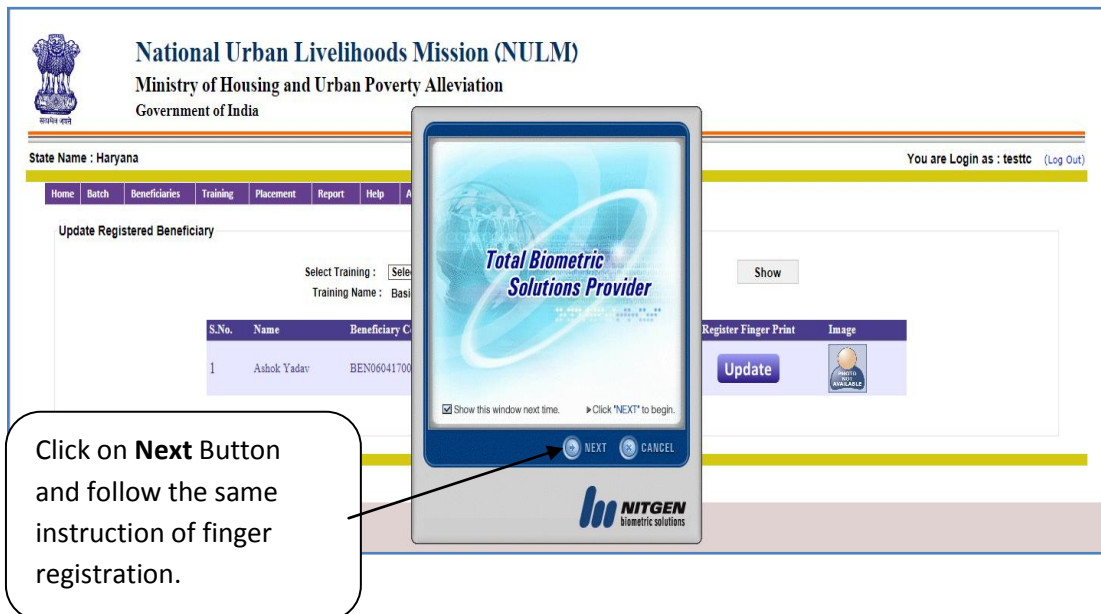
Script Prompt:
Please enter reason for updation
Finger Cut

OK Cancel

Ministry of HUPA

Enter the actual reason for changing the finger and then click on ok button

Step 5. Follow the same instruction of finger registration as described above
(Page No: 12)



National Urban Livelihoods Mission (NULM)
Ministry of Housing and Urban Poverty Alleviation
Government of India

State Name : Haryana You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help A

Update Registered Beneficiary

Select Training : Sele
Training Name : Basi

S.No.	Name	Beneficiary C
1	Ashok Yadav	BEN06041700

Total Biometric Solutions Provider

Show this window next time. Click "NEXT" to begin.

NEXT CANCEL

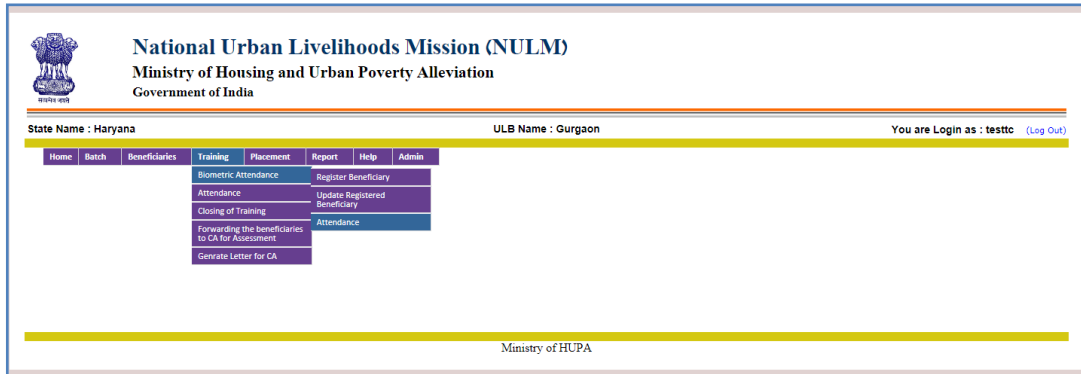
NITGEN biometric solutions

Click on **Next** Button and follow the same instruction of finger registration.

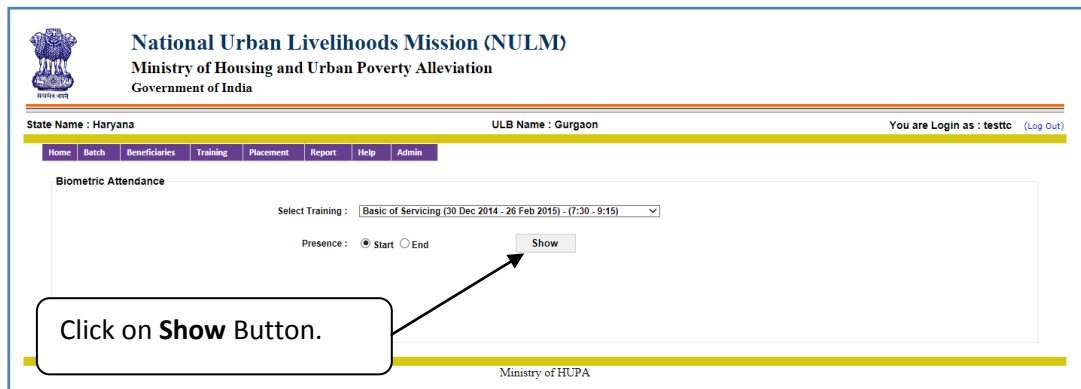
3.3) Attendance through biometric device


Step 1. To make attendance through biometric device click on the following menu:-

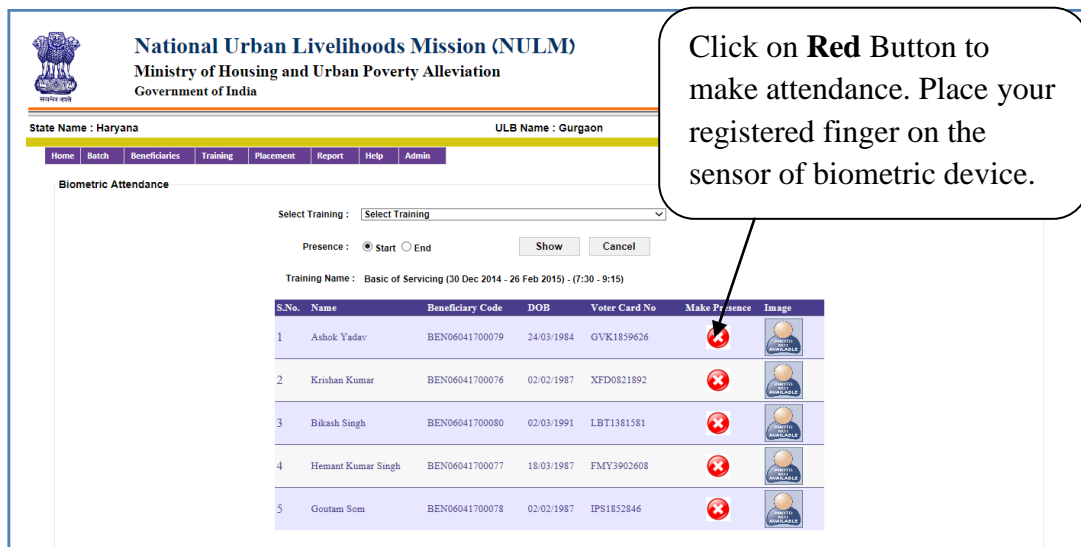
(Training-> Biometric Attendance-> Attendance)














Step 2. Select training and presence for (Start / End) and click on **Show** button



Step 3. Click on  button to make attendance as present.



S.No.	Name	Beneficiary Code	DOB	Voter Card No	Make Presence	Image
1	Ashok Yadav	BEN06041700079	24/03/1984	GVK1859626		
2	Krishan Kumar	BEN06041700076	02/02/1987	XFD0821892		
3	Bikash Singh	BEN06041700080	02/03/1991	LBT1381581		
4	Hemant Kumar Singh	BEN06041700077	18/03/1987	FMY3902608		
5	Goutam Som	BEN06041700078	02/02/1987	IPS1852846		

Step 4. Once you click on this  button, the sensor of the device (Attached with your system) will start glow.



Step 5. Now place your registered finger on the sensor of biometric device like this:-



Step 6. If it is success, then a message will be popup (Attendance made successfully).

State Name : Haryana ULB Name : Gurgaon You are Login as : testtc (Log Out)

Home Batch Beneficiaries Training Placement Report Help Admin

Biometric Attendance

Select Training :

Presence : ☒ Start ☐ End

Training Name : Basic of Servicing (30 Dec 2014 - 20 Feb 2015) (7:30 - 9:15)

S.No.	Name	Card No	Make Presence	Image
1	Ashok Yadav	9626		
2	Krishan Kumar	8892		
3	Bikash Singh	BEN06041700080 02-03/1991 LBT1381581		
4	Hemant Kumar Singh	BEN06041700077 18-03/1987 FMY3902608		
5	Goutam Som	BEN06041700078 02-02/1987 IPS1852846		

Message from webpage

Attendance Made Successfully.

OK

Ministry of HUPA