

## ATTENDANCE MARKING THROUGH FACE RECOGNITION through QR Code

AEBAS team had created software for FACE based Aadhaar authentication with UIDAI RD for attendance marking through Face Recognition. For face authentication, picture from the repository of CIDR of UIDAI would be used. In this process face biometric would be used in place of Fingerprint/Iris of the individual.

The application would work in the similar fashion as earlier with the only difference that individual's face would be used.

Earlier the attendance marking was facilitated through Biometric i.e. Fingerprint or Iris.

Keeping in mind the current situation where the world is in the middle of a pandemic, the attendance marking has now been initiated through Face.

The process for attendance marking would remain the same, where in the employee display the QR Code for his/her attendance ID and would be prompted to show the face.

On successful attendance marking, the display would show attendance opening and/or attendance closing for that particular employee

*The application is available for Android devices only (minimum requirement stated in the document).*

Installation process for the same is explained below

**If your attendance marking ID is 6- digit refer [Annexure – A](#)**

In case of any query please contact: 1800 111 555

For any feedback please raise ticket at :: <https://servicedesk.nic.in/>

### *General Attendance Marking guidelines:*

1. The individual marking attendance should ensure that there is Good Light on the face.
2. User should follow all the instructions shown on the RD screen.
3. There should not be any multiple objects/persons in the background.

For Attendance marking screens through touchless biometric terminal through IRIS please refer [Annexure - C](#)

Minimum Device Specification (suggested):

**1.1 Device Specifications**

| <b>Feature</b>                                 | <b>Existing</b>                        | <b>New Procurement</b>                 |
|--|--|--|
| Android API version                            | Android 7.0 (SDK 24) or greater        | Android 9 (SDK 28) or greater          |
| RAM  | 2 GB                                   | 4+ GB                                  |
| Geek Benchmark score                           | >500 (Single Core), >1800 (Multi Core) | >500 (Single Core), >1800 (Multi Core) |
| Disk Space                                     | 32 GB (Minimum 500MB free disk space)  | 64 GB (Minimum 500MB free disk space)  |
| Display Size (for assisted mode)               | 8 inches or greater                    | 8 inches or greater                    |
| Connectivity                                   | Wifi, USB for FingerPrint              | Wifi & GSM; USB for FingerPrint        |
| Camera Resolution                              | 5MP or greater                         | 5MP or greater                         |
| Camera Types                                   | Integrated Rear and Front camera       | Integrated Rear and Front camera       |
| Support for STQC certified Finger Print device | Yes                                    | Yes                                    |
| Exclusive USB port for Finger Print            | Yes                                    | Yes                                    |
| Non-Rooted OS (Goolge Play Store Compatible)   | Yes                                    | Yes                                    |

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## Annexure A :: Installation of device if attendance ID is 6 - digit

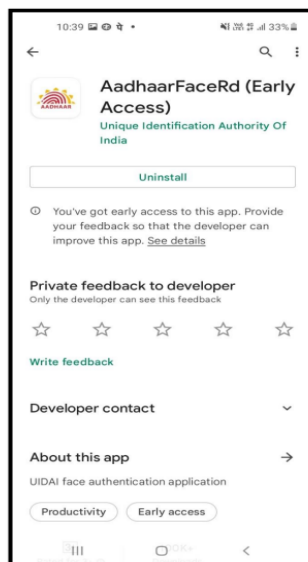
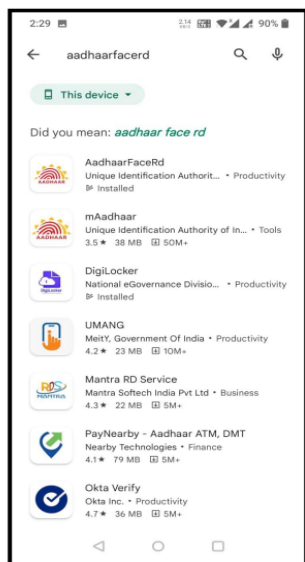
(Please Note that steps 1 – 8 is one-time activity for a particular device)

Installation process in similar to the previous setup.

Take help of the NIC Coordinator

1. Download and Install the client for Face RD
  - Face RD APP will be available in the Google Play Store
  - Attendance marking client will be available at the Nodal/ Biometric Device Admin Login

### Step-1: Download and Install AadhaarFaceRd App from Google Play Store

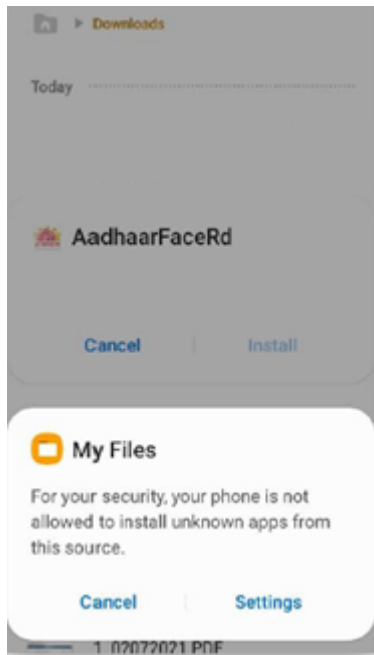


- Open Google Play Store, search for "aadhaarfacerd".
- Install the AdhaarFaceRd.
- If you face any issue in locating the app in play store kindly refer to slide number: 10

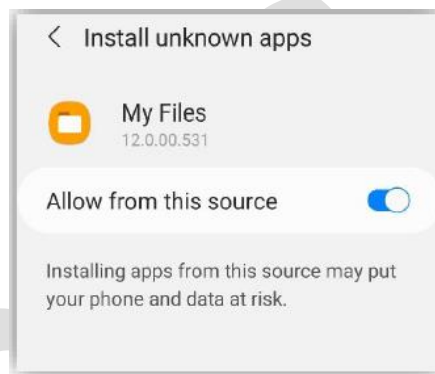


★ This Application is for android users only

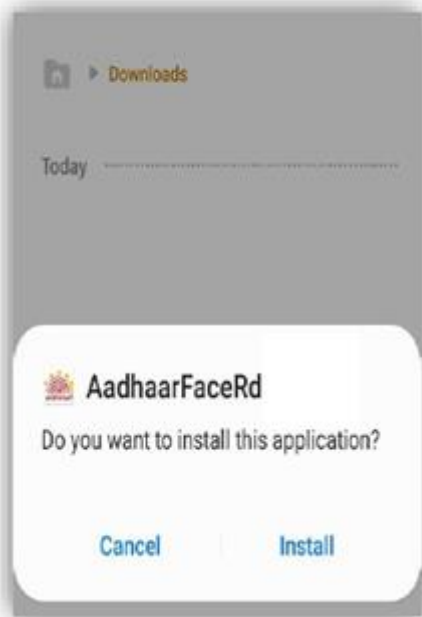
Screen 1 :



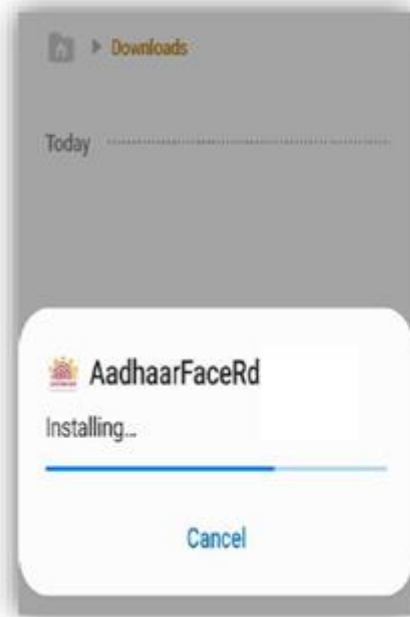
Screen 2 :



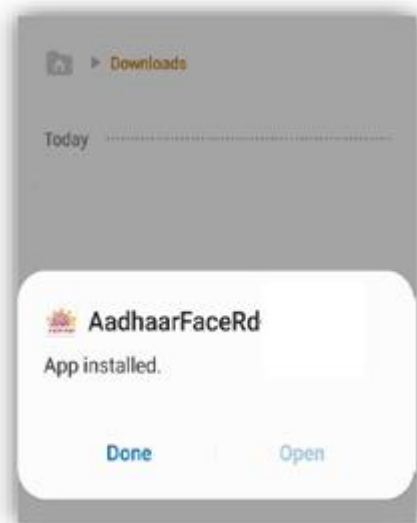
Screen 3 :



Screen 4:



Screen 5 :

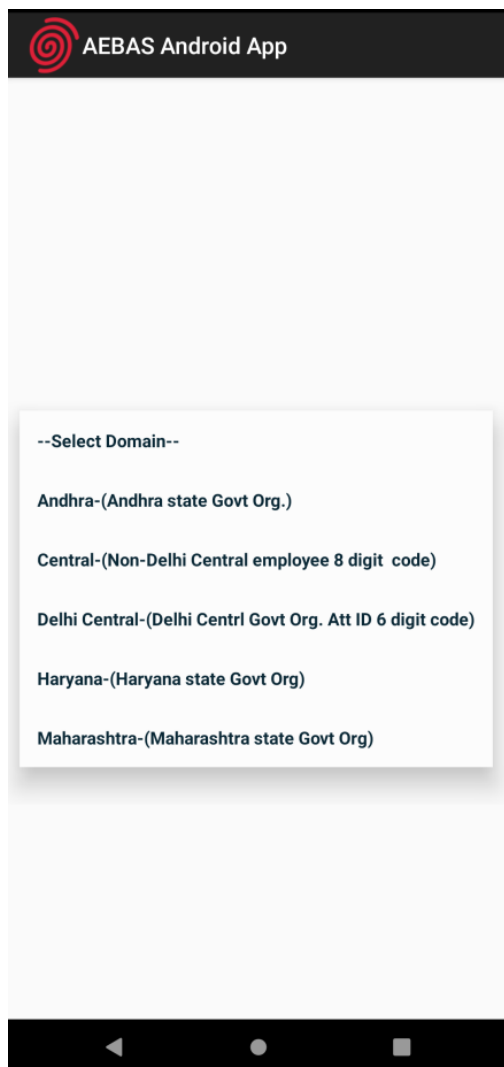


**Please Note that for RD application there would be no ICON created on the device**

2. Download and Install the client for attendance marking  
Client will be available at the Nodal/ Biometric Device Admin Login
3. After successfully downloading the client, click on the AEBAS application

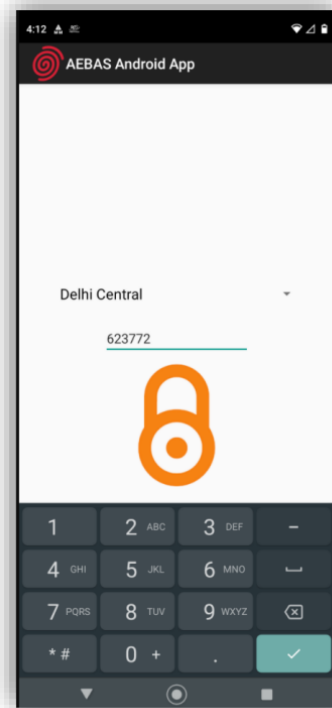
4. Select the domain name in which the employee is registered

(Delhi Central; attendance.gov.in )

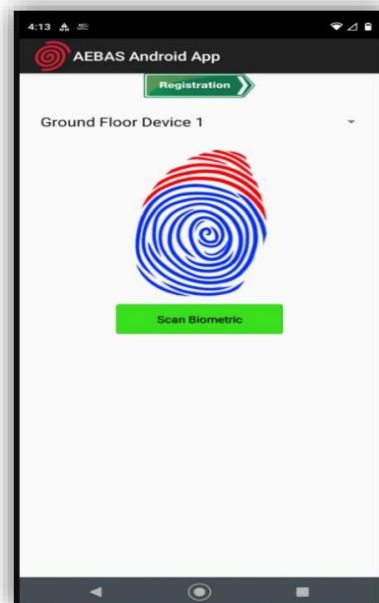
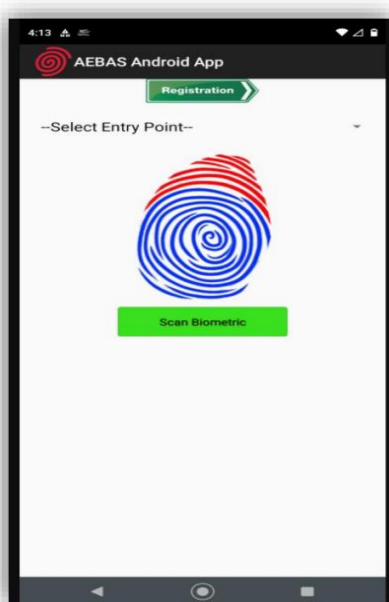


5. Enter the Activation Code for the device

a. The Activation Code would be given by the Nodal Admin.



6. Select the Entry Point for the device



7. Click on the Scan Biometric for capturing Face, Image captured successfully would be displayed after successful and authenticated capture.



\*\*\* If the checkbox is clicked the user won't be prompted this screen the next time

8. The attendance marking screen would be prompted.



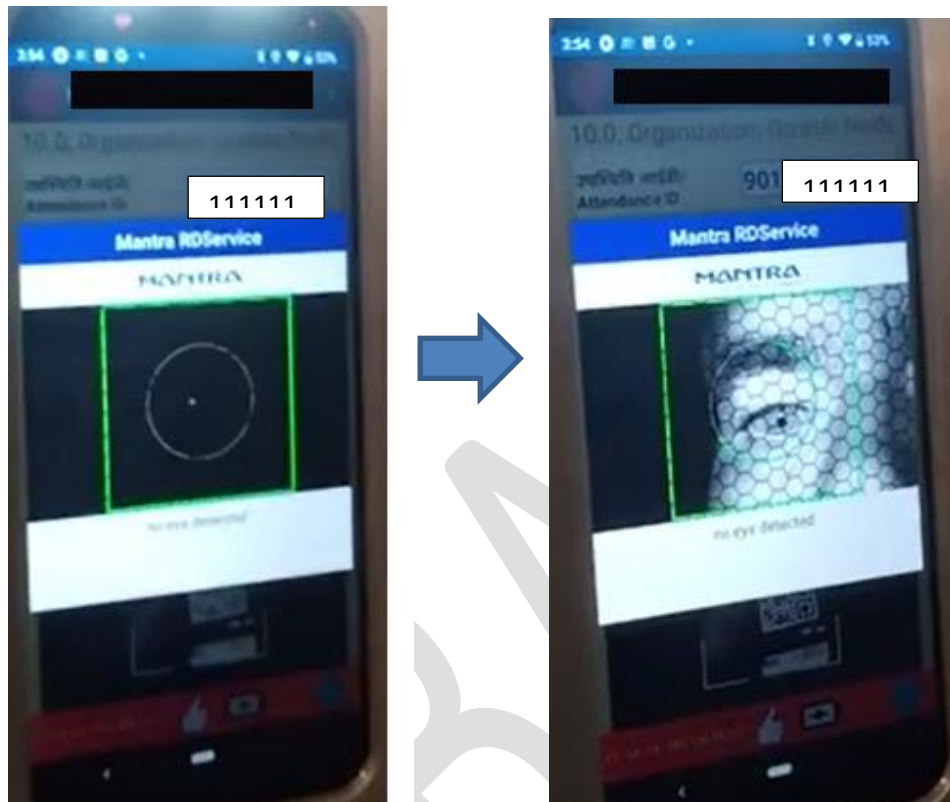
### Annexure C : Attendance Marking Screen for marking through IRIS

After successful authentication, the attendance screen for be prompted

1. The Client screen is displayed and user is prompted to display the QR Code  
The user should display the QR Code and the attendance ID would be displayed on the screen



2. The user will be prompted the IRIS screen for attendance marking



3. The attendance is successfully marked and the Attendance In/out would be recorded

