# JEEVANPRAMAAN FACE-APP FOR iOS MOBILE PHONES

## User-Manual

# JEEVAN PRAMAN ( LIFE CERTIFICATE ) - THROUGH FACE AUTHENTICATION
## Using iPhone

# Steps

Step-1: Download and Install AadhaarFaceRD App from App Store.

Step-2: Download and Install Jeevan Pramaan Face Application.

Step-3: Operator Authentication: This is a one time process. Pensioner can be the Operator as well.

Step-4:Pensioner Authentication: Fill in the pensioner details and Aadhaar based Face Authentication of Pensioner.

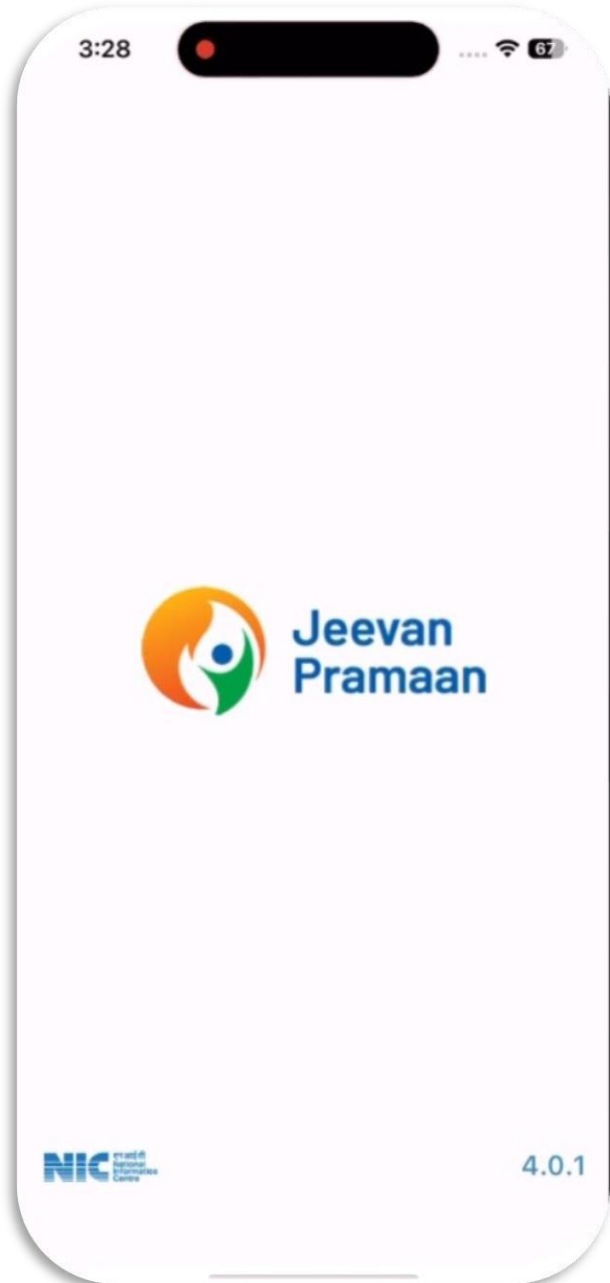**Step-1:** Download and Install **AadhaarFaceRd** App from App Store
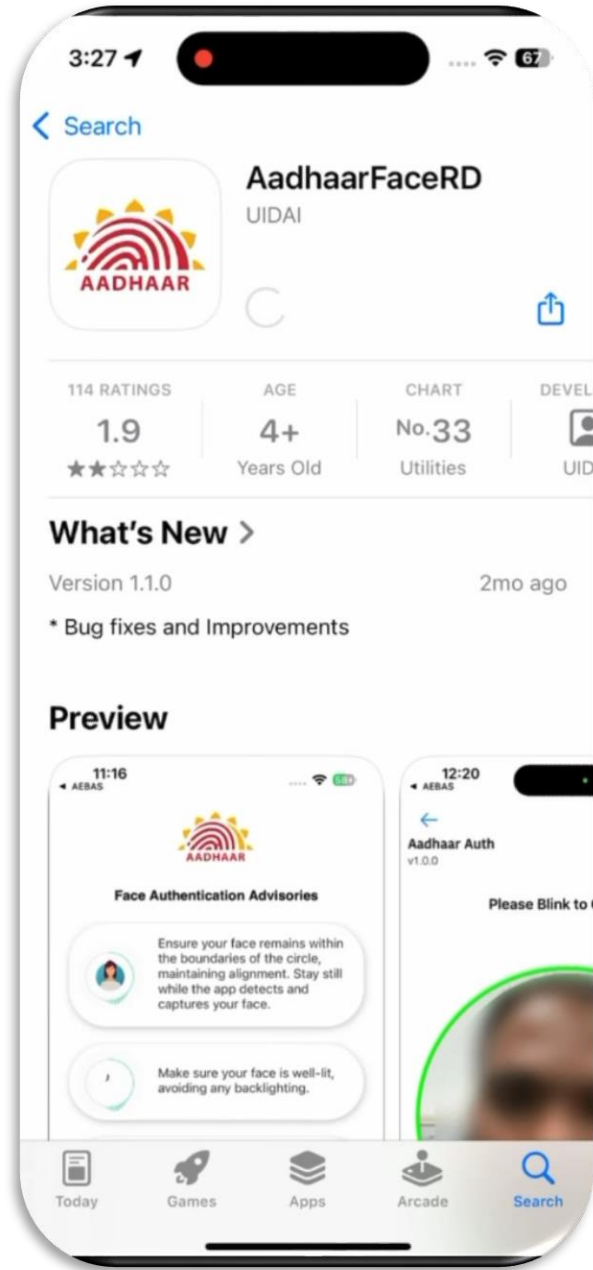


❑ Open App Store, search for "aadhaarfacerd".

❑ Install the AdhaarFaceRd.

**Step-2:** Download Jeevan Pramaan Application
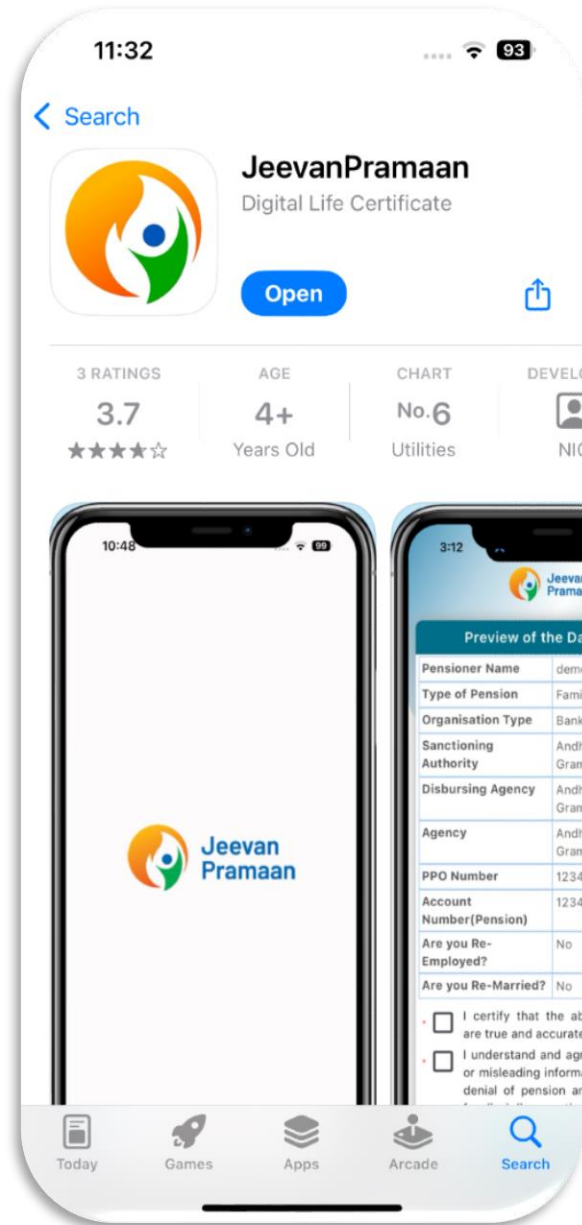


❑ Open App Store, Search for *JeevanPramaan Face App*. Install the application

3:28

Jeevan Pramaan

NIC

4.0.1

❑ After you have successfully installed the Jeevan Pramaan Face Application, run the application.

❑ The screen as shown on the left appears.

**Device Registration & Operator Identification**

English ▾

◉ Aadhaar    ○ Virtual ID

👤 Enter Aadhaar Number 🚫
0/12

📱 Enter Mobile Number
0/10

✉ Enter Email Address

Submit

NIC    4.0.1

❑ Any Person can act as an operator. The pensioner can also act as an operator

❑ The operator needs to enter his/her Aadhaar number, mobile number and e-mail address and click on *submit*

❑ The mobile number need not be linked with Aadhaar, you can enter any mobile number but make sure you have it as you will receive an OTP on the mobile and email-id provided

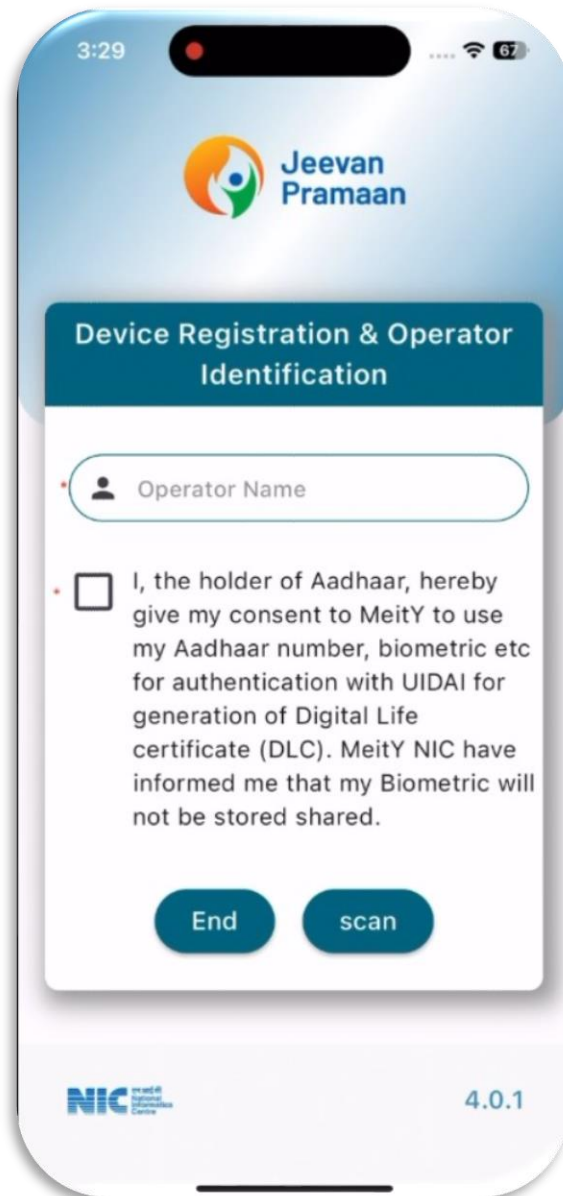# Step-3: Operator Authentication (this is a one time process)
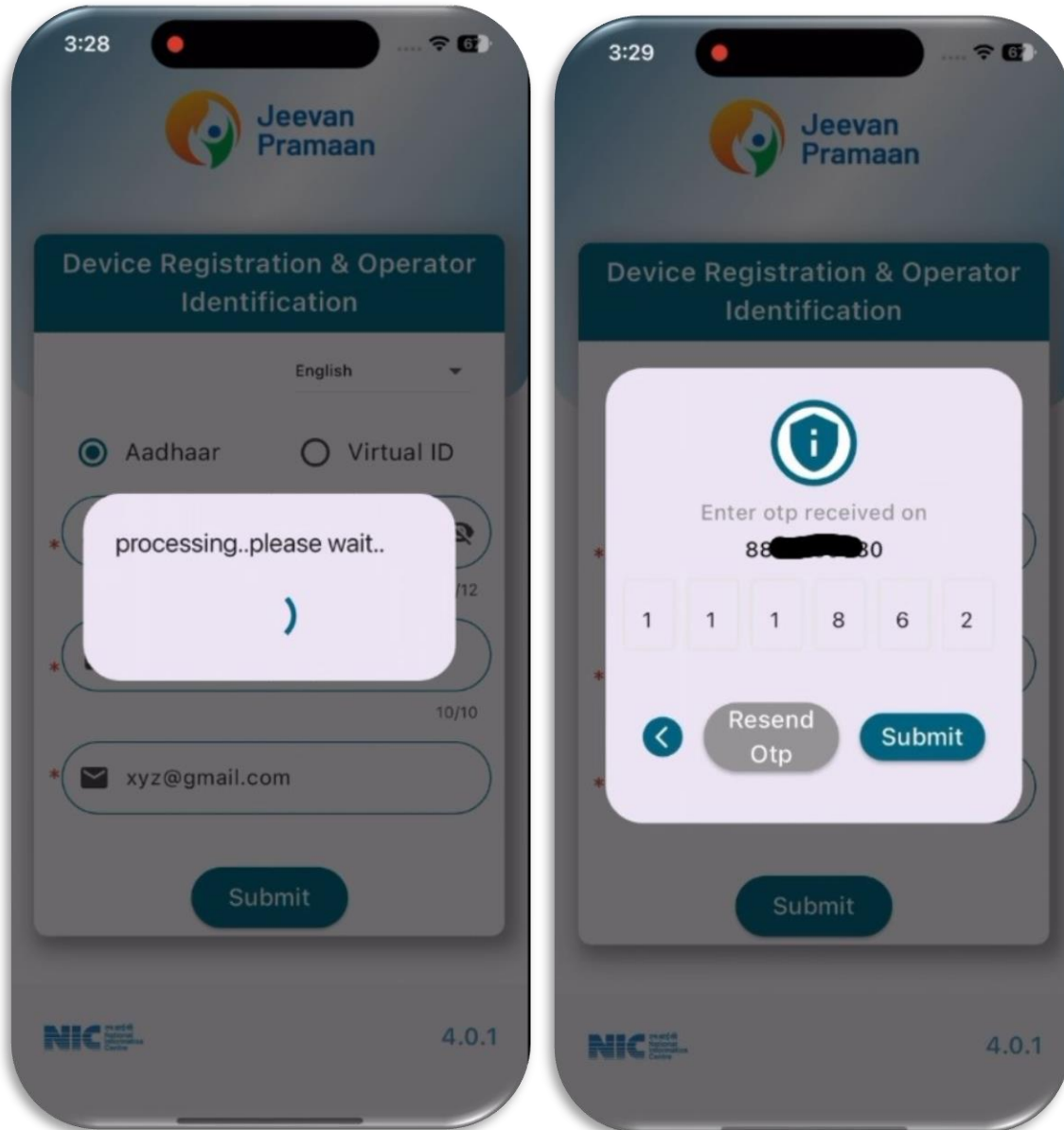


- ❑ After the Operator has entered the details, he/she will receive an OTP on entered mobile number as well as email.

- ❑ Enter any one of the OTP received and then click on *Submit* button.

( In case OTP is not received click on *Resend OTP* button )

Device Registration & Operator Identification

Operator Name

I, the holder of Aadhaar, hereby give my consent to MeitY to use my Aadhaar number, biometric etc for authentication with UIDAI for generation of Digital Life certificate (DLC). MeitY NIC have informed me that my Biometric will not be stored shared.

End     scan

4.0.1

❑ After successful OTP Validation the screen shown on left will appear.

❑ The Operator needs to enter name and give consent for authentication by clicking on the checkbox.

❑ Click on *Scan* button to proceed towards face scan
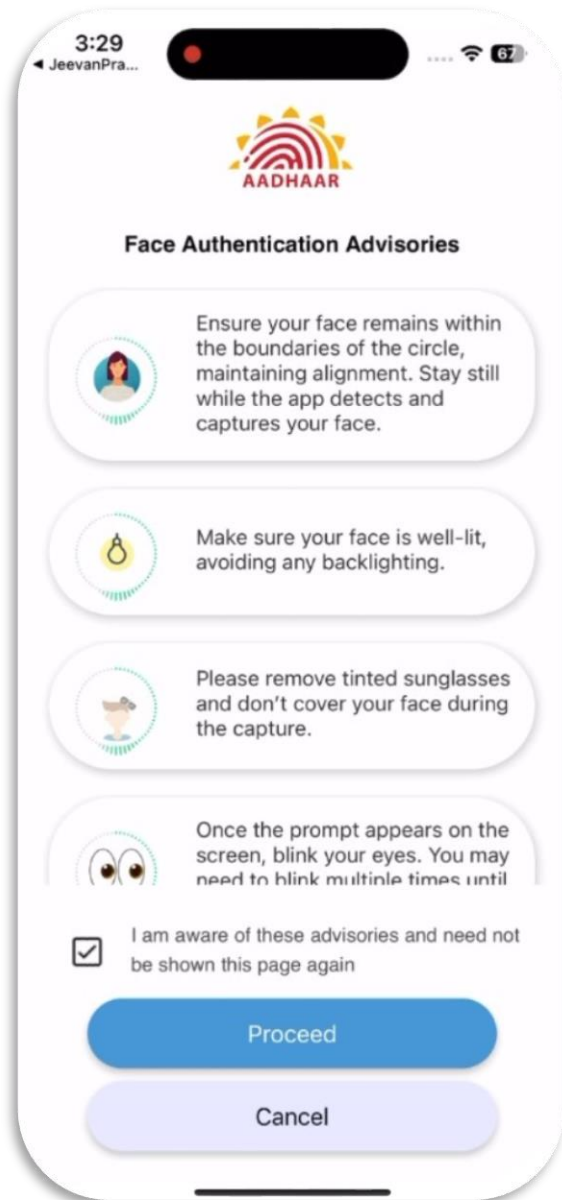
- The screen shows the instructions for face authentication.
- Read the instructions properly, click on the check box and then click on *Proceed*.
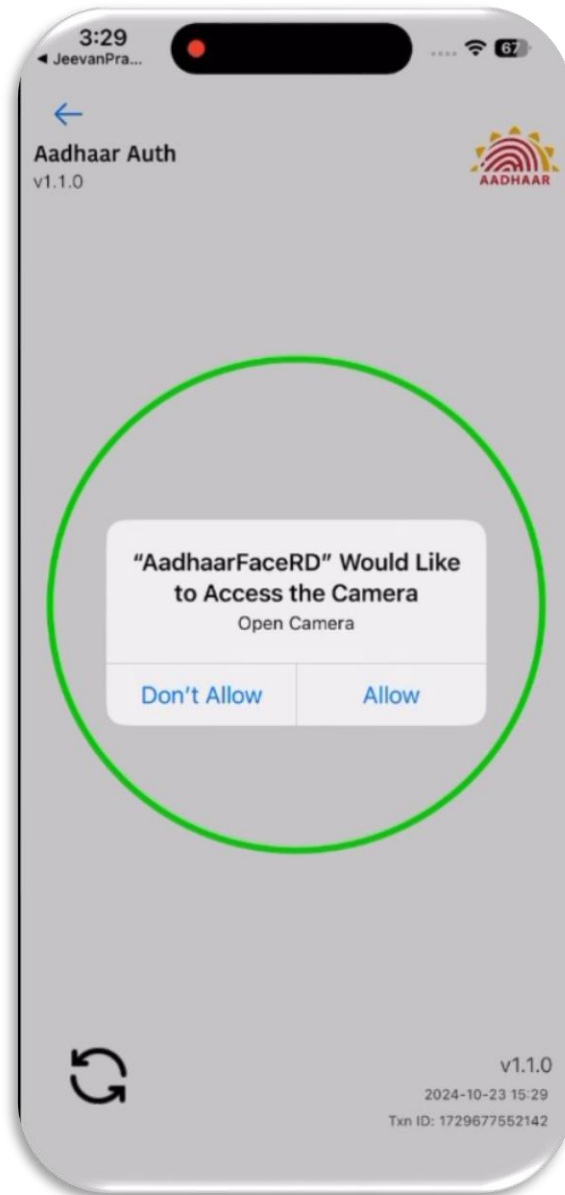
❑ A pop-up will appear asking for permissions.

❑ You need to allow the permissions in order to run the application. Click on '*Allow*' to proceed further.

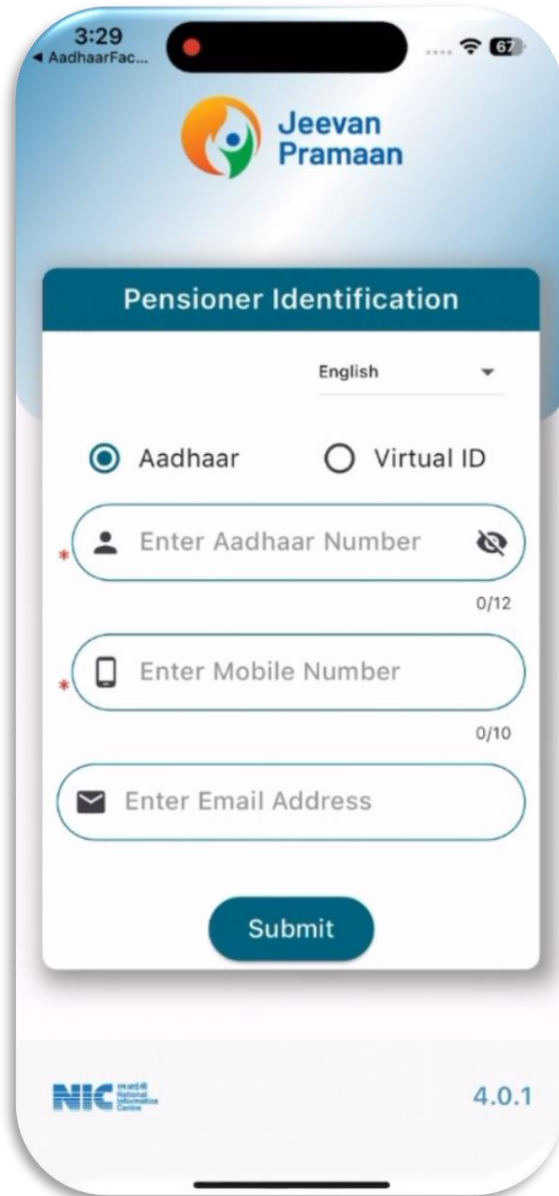# Step-3: Operator Authentication (this is a one time process)
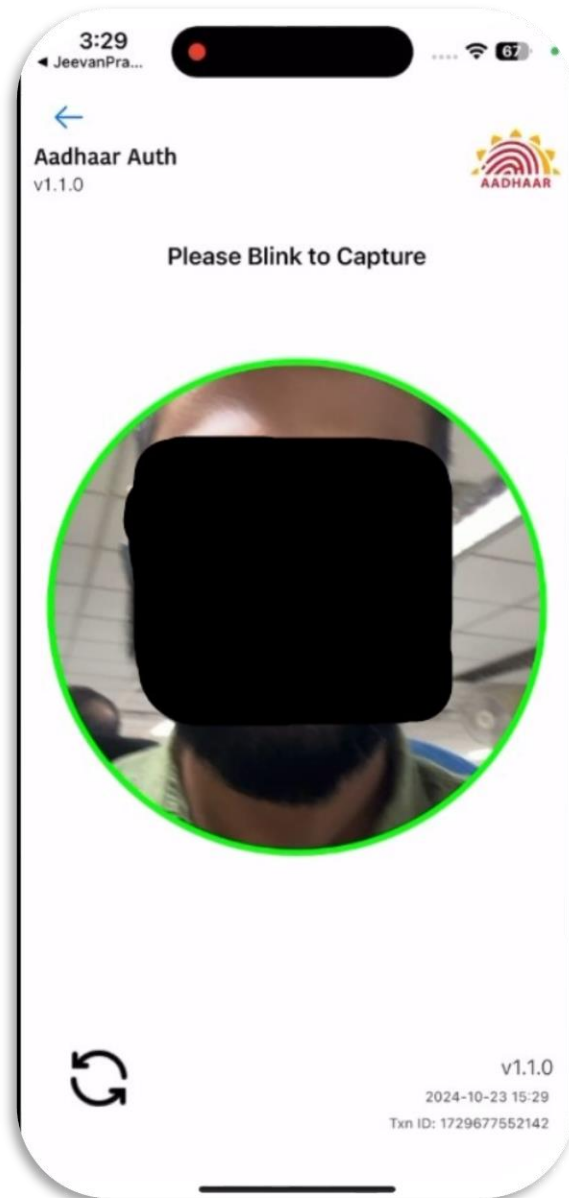


- ❑ You can use the front or rear camera to capture the face.
- ❑ The screen shows the instructions you need to follow while scanning face like hold still and blink your eyes.
- ❑ Follow the instructions that appear on the screen to successfully complete the face authentication process.
- ❑ In case of any issue refer to Best Practices for Aadhaar based Face Scan on slide no: 33
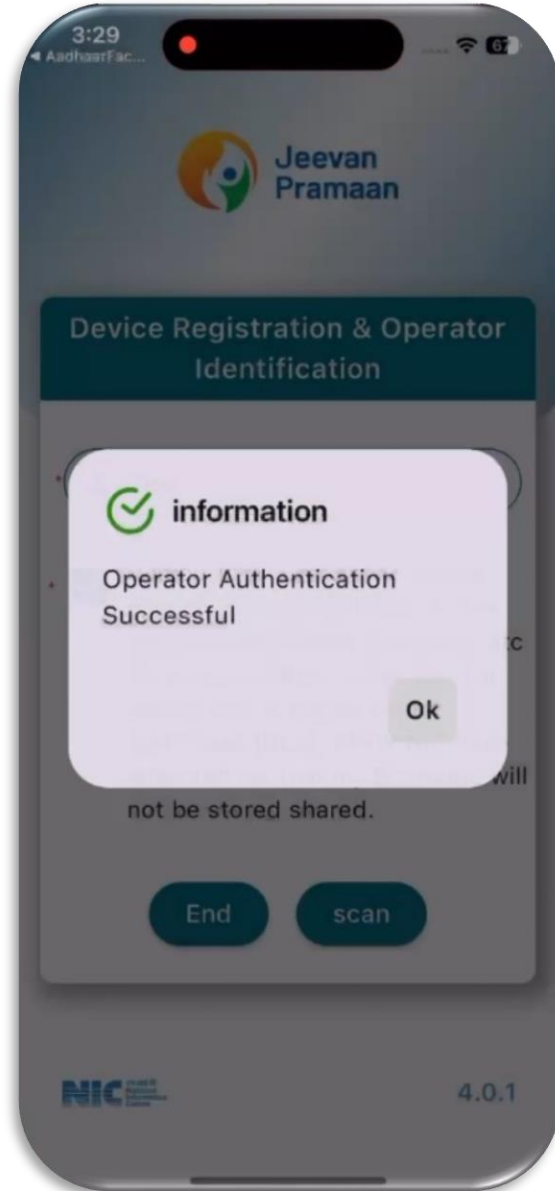
❑ After you have successfully authenticated yourself through face scan, the application restarts itself and a toast is shown "Operator Authentication Successful" This completes the device registration and operator identification which is a one time process.
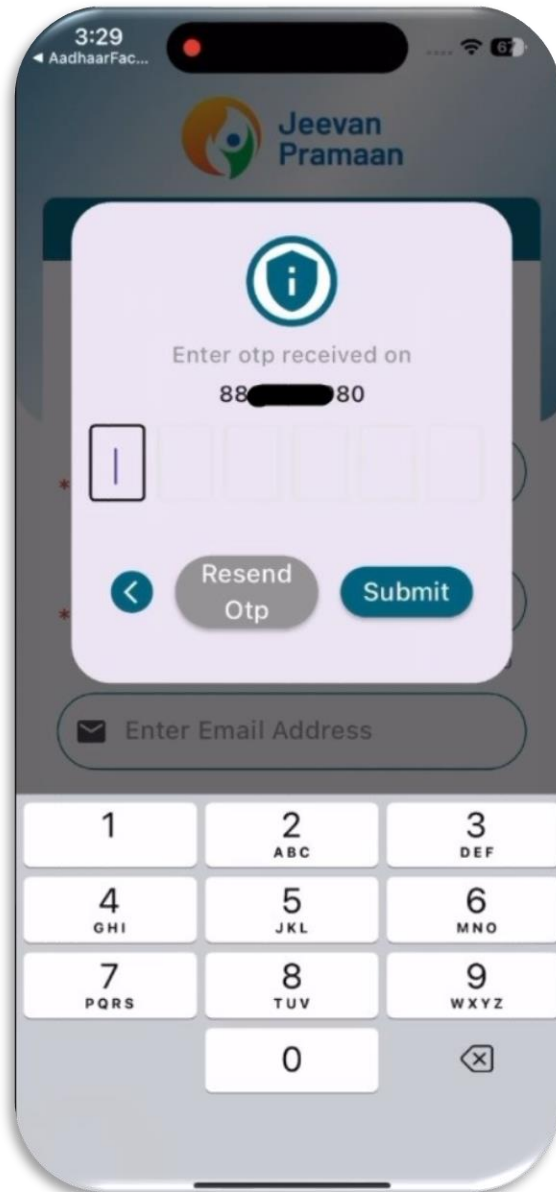
# Step-4: Pensioner Authentication



- ❑ Next the Pensioner Authentication screen will open. Now whenever you run the application the Pensioner Authentication screen will open.
- ❑ The pensioner should enter his/her Aadhaar number and mobile number. The email address is optional.
- ❑ Next click on the *submit* button you will receive an OTP on the entered mobile number and email ( only if the user has provided email )
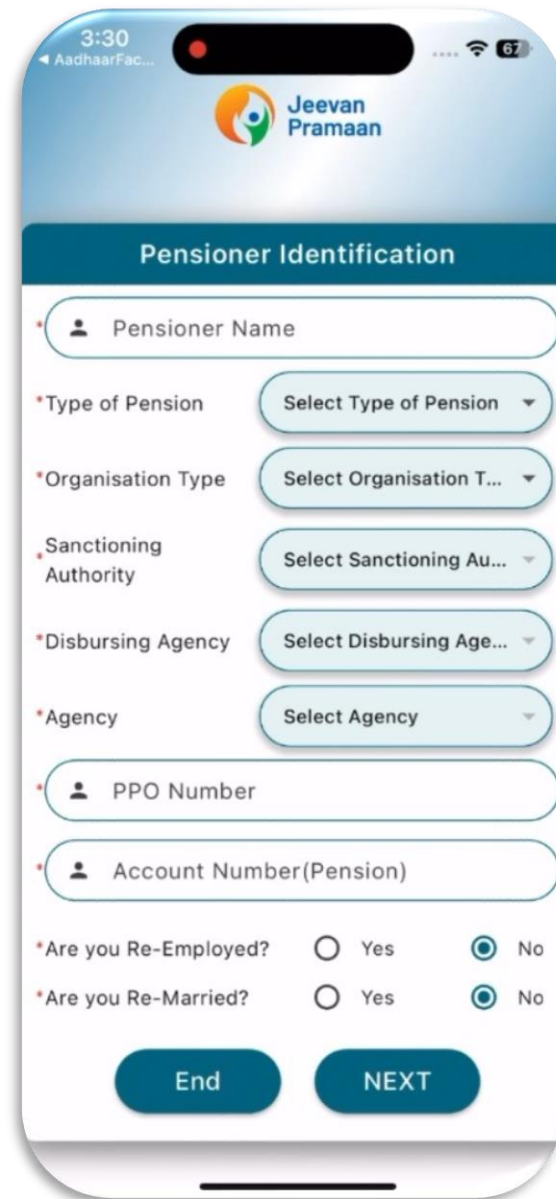
# Step-4: Pensioner Authentication



❑ Enter the OTP received and click on *submit* button to proceed further.

( If OTP is not received, please click on *Resend OTP* )

# Step-4: Pensioner Authentication



- After successful OTP Validation the screen shown on left appears. The screen will be either blank or will have prefilled details as shown in the next slide.

- Enter all the details correctly, incorrect information will lead to rejection of Jeevan Pramaan by the Pension Disbursing agency

- In case you get the screen with prefilled details, Select the desired PPO No. from the dropdown, or you can select '*Add new pension PPO not in List for yourself*' if your required PPO No. is not appearing in list

- In case user selects a PPO No., he/she can modify all the details except PPO No.

- In case you select '*Add new pension PPO not in List for yourself*' the non-filled pensioner authentication screen is displayed and user is required to fill all details.

| Preview of the Data Filled | |
|---|---|
| Pensioner Name | TestA |
| Type of Pension | Family |
| Organisation Type | Central Government |
| Sanctioning Authority | Central Government |
| Disbursing Agency | Bank |
| Agency | Federal Bank |
| PPO Number | 08520852 |
| Account Number(Pension) | 0852963 |
| Are you Re-Employed? | No |
| Are you Re-Married? | No |
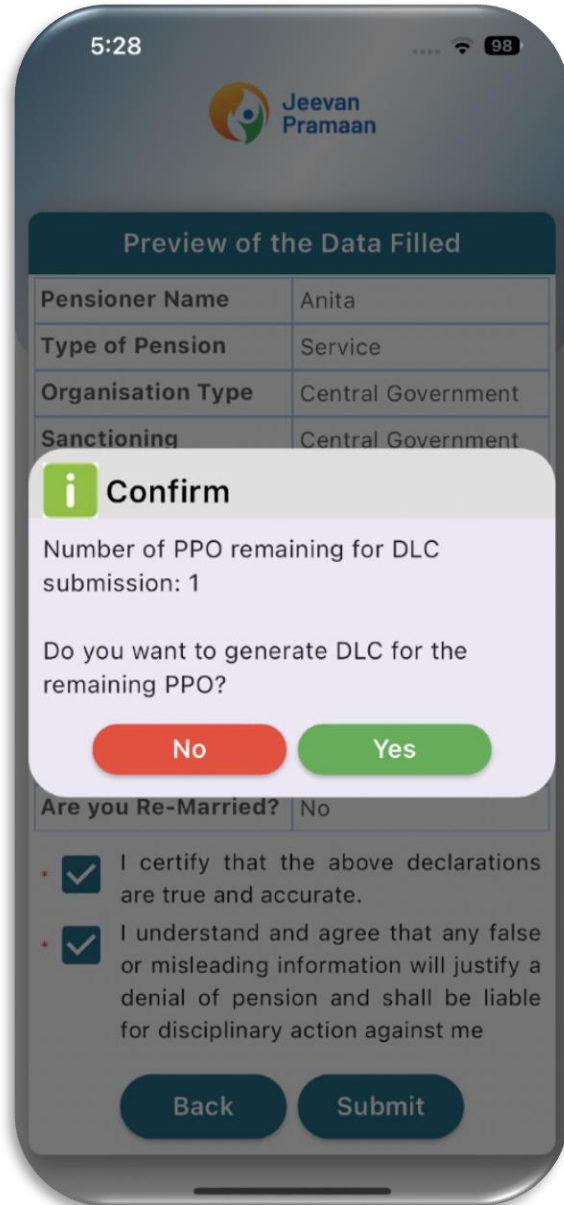
☐ I certify that the above declarations are true and accurate.

☐ I understand and agree that any false or misleading information will justify a denial of pension and shall be liable for disciplinary action against me

**Back**    **Submit**

❑ After entering all the details, preview of the data entered is displayed.

❑ Tick both the *checkboxes* stating that the information entered is accurate.

❑ click on *Submit* button to proceed further.

❑ After you click on Submit button a pop-up will appear as show in figure on the left.

❑ The pop-up asks the pensioner whether he/she wants to add another PPO number/Pension apart from the one which has already been entered .

❑ In case user clicks on YES the user will be taken to the pensioner details screen ( as shown on previous page ) and the pensioner is required to fill all the details regarding the PPO number that he/she wants to add.

# Step-4: Pensioner Authentication
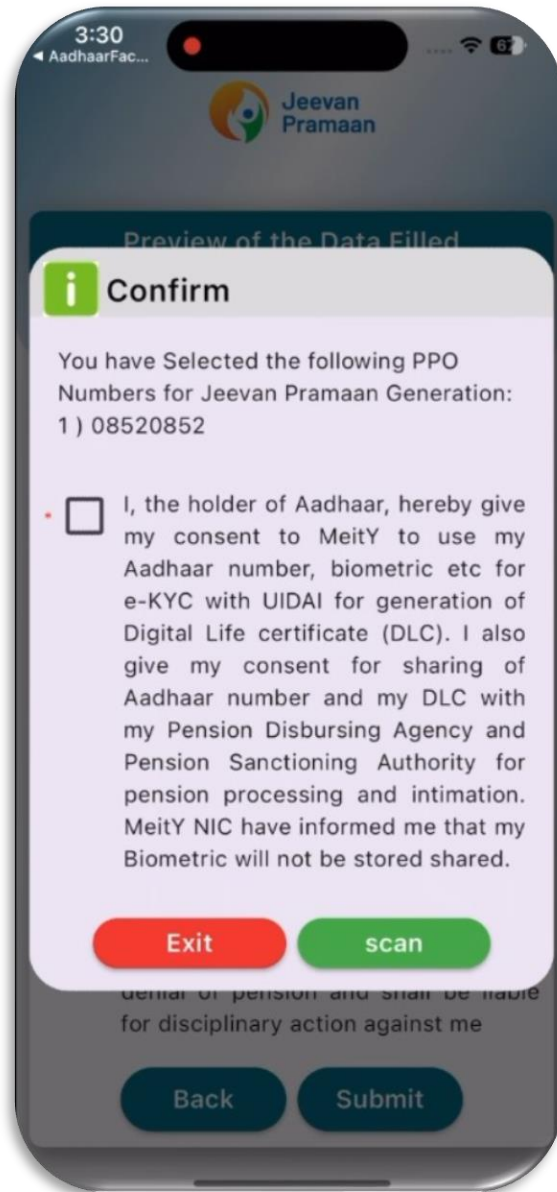


- The screen shows all the PPO numbers selected by the pensioner for DLC (Digital Life Certificate)/Jeevan Pramaan generation.

- The pensioner needs to tick the *checkbox* in order to give consent.

- Click on *SCAN* button to proceed further.

# Step-4: Pensioner Authentication
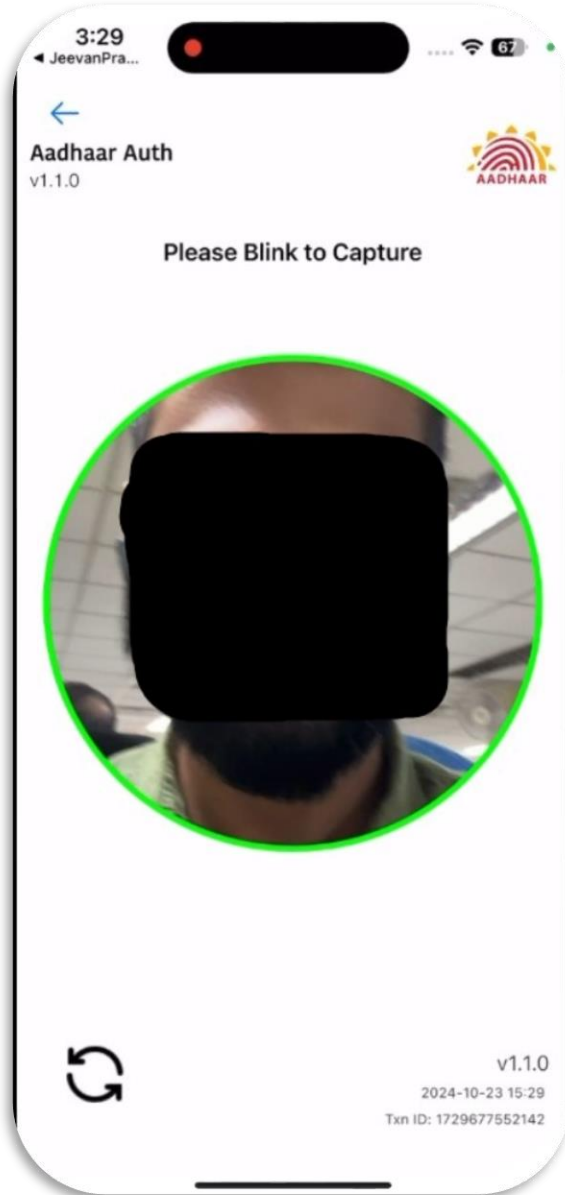


- ❑ The screen shows the instructions you need to follow while scanning face. It shows if the lighting is poor or if camera is moving and not stable etc.

- ❑ It will show hold still and blink your eyes when the lighting is right and the camera is stable.

- ❑ Follow the instructions shown on the screen to successfully complete the face authentication process.

- ❑ In case of any issue refer to Best Practices for Aadhaar based Face Scan on slide no: 33

# Step-4: Pensioner Authentication
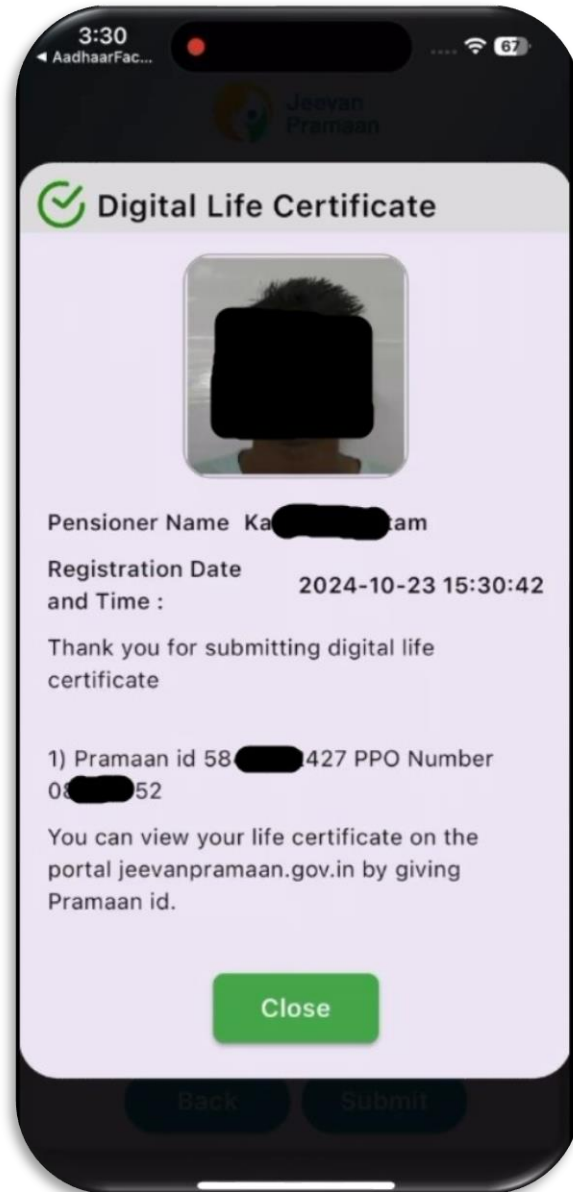


- ❑ Once face authentication is successful, the DLC i.e Jeevan Pramaan is successfully generated and appears on the screen as shown.

- ❑ The screen shows the Pramaan-id for each PPO number.

- ❑ The pensioner shall also receive a SMS on the mobile number provided during pensioner-authentication, the SMS contains the Pramaan-id and the link from which the DLC can be downloaded.

# Best Practices for Aadhaar based Face Scan

**For proper results ensure:**

1. **Position:** For capturing facial image, it is advisable that adjust the camera at the right distance or in the right posture.

2. Frontal pose needs to be captured i.e. no head rotation or tilt. The Pensioner should be instructed to be seated properly with their back upright and their face towards the camera.

3. It is strongly recommended that the face should be captured with neutral (non-smiling) expression, teeth closed, and both eyes open and looking into the camera.

4. **Illumination:** Poor illumination has a high impact on the performance of face recognition. Proper and equally distributed lighting mechanism should be used such that there are no shadows over the face, no shadows in eye sockets, No light exactly above the ,can cause shadows. Light should be diffused and placed in front of the Pensioner so that there are no shadows under the eye.

5. **Eye Glasses:** If the person normally wears glasses, it is recommended that the photograph be taken with glasses. However, the glasses should be clear and transparent. Dark glasses /tinted glasses should be taken off before taking the photograph.

**Some of the actionable feedbacks in software are:**

1. No face Found
2. Enrolee too far
3. Pose (Look Straight)
4. Insufficient lighting
5. Very low face confidence
6. Non-uniform lighting (of face in output image)
7. Incorrect background (in output image)
8. Insufficient lighting (bad grey values in face area of output image)