

GOVERNMENT OF JAMMU AND KASHMIR
FINANCE DEPARTMENT
Directorate General of Accounts & Treasuries, J&K
(www.jkdat.jk.gov.in)

Subject: PRAN generation for J&K Government employees through Aadhaar.

CIRCULAR

It has been observed by Pension Fund Regulatory and Development Authority (PFRDA) & Protean eGov Technologies Ltd., the designated CRA, during recent review meetings, that there is huge delay in the generation of PRAN, for new appointees under NPS. Such delays have serious consequences, including:

- Delayed credit of Employee & Govt. share of NPS contributions.
- Financial loss due to delayed investment of contributions.
- Adverse impact on individual NPS pension corpus due to loss of returns.
- Non-compliance with regulatory timelines prescribed by the Pension Fund Regulatory and Development Authority (PFRDA).

In view of the above, all Appointing Authorities and Drawing & Disbursing Officers are advised to adopt PRAN generation through eNPS portal for all new appointees. The Standard Operating Procedure (SOP) issued by the designated CRA in this regard is enclosed.

Timely compliance with these instructions is crucial to safeguard the financial interests of employees working under NPS framework and ensure regulatory adherence as well.


Director General,
Accounts & Treasuries,
Finance Department

No:-DGAT/NPS/51657/PS/DR/226.

Dated:- 08.07.2025

Copy for information to the:

1. All Administrative Secretaries to the Government of J&K.
2. All Heads of Departments of UT of J&K.
3. Director Accounts & Treasuries Jammu/ Kashmir for necessary compliance.
4. Treasury Officer Civil Secretariat Treasury/ New Delhi Treasury for n/a.
5. Shri Vikas Kumar Singh, Chief General Manager, PFRDA New Delhi.
6. Shri Madhusudan Das, AVP, Protean eGov Technologies Ltd. Mumbai for n/a.
7. Mr. Akik Desia, Protean eGov Technologies Ltd. for Immediate activation of eNPS module for J&K.
8. Private Secretary to Principal Secretary to Government, Finance Department
9. Private Secretary to Director General Accounts & Treasuries.
10. Circular file/Relevant file.
11. Incharge website (GAD/ DGAT) to upload the circular on its official website.

Protean eGov Technologies Limited



protean

Change is growth

**Standard Operating Procedure
on
eNPS PRAN Generation through Aadhaar
for Government Subscribers**

Version 1.0

© 2024 Protean eGov Technologies Limited (Formerly known as NSDL e-Governance Infrastructure Limited), All rights reserved.
Property of Protean eGov Technologies Limited.

No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying or recording, for any purpose, without the express written consent of Protean eGov Technologies Limited.

REVISION HISTORY

Sr. No.	Date of Revision	Ver	Section Number	Description of Change
1		1.0	-	Initial Version

Acronyms and Abbreviations:

The following acronyms and abbreviations have been used in this document:

ACRONYM	DESCRIPTION
CRA	Central Recordkeeping Agency
PFRDA	Pension Fund Regulatory and Development Authority
NPS	National Pension System
PRAN	Permanent Retirement Account Number
NPS Trust	National Pension System Trust
SG	State Government
PFM	Pension Fund Manager
ACK ID	Acknowledgement ID
DTA	Directorate of Treasuries and Accounts
DTO	District Treasury Office
DDO	Drawing and Disbursement Office
CSRF	Common Subscriber Registration Form

Overview

- ❖ eNPS for Government sector is an online mode for PRAN generation in addition to the already existent Online PRAN Generation Module (OPGM). eNPS for Govt. sector was introduced with a view to reduce the time taken for PRAN generation for Govt. employees after Date of Joining.
- ❖ eNPS process also encourages healthy participation by the employee in the PRAN generation procedure as the capturing of data is done by the subscriber. Thus, this process also reduces the efforts required at level of Nodal office from point of view of Data entry to be done. This process also reduces any data entry level errors as the subscriber themselves capture the details.
- ❖ eNPS is the online platform hosted by NSDL-CRA on behalf of NPS Trust wherein a Subscriber can register and contribute online under NPS. At present, under eNPS, the facility of online registration is available to All Citizens of India Sector and Corporate Sector Subscribers. Whereas, the online contribution and Tier II Account activation facility is available to all the registered Subscribers including Government Sector Subscribers having active PRAN under NPS.
- ❖ Under this option, the subscriber will have facility to register using Aadhaar based KYC. The subscriber may opt for Aadhaar Online wherein KYC details registered with Aadhaar will be obtained online. The Subscriber will also have the option for Offline e-KYC, wherein the Subscriber is required to download the Aadhaar e-KYC file from UIDAI and upload the same during registration.

eNPS PRAN Generation through Aadhaar for Government Subscribers

1. Steps to initiate PRAN Generation through eNPS by Subscriber

In order to initiate PRAN generation through e-NPS, User needs to visit eNPS website <https://enps.nsdl.com/eNPS/NationalPensionSystem.html> select the option **"National Pension System"** as given below in **Figure 1**.

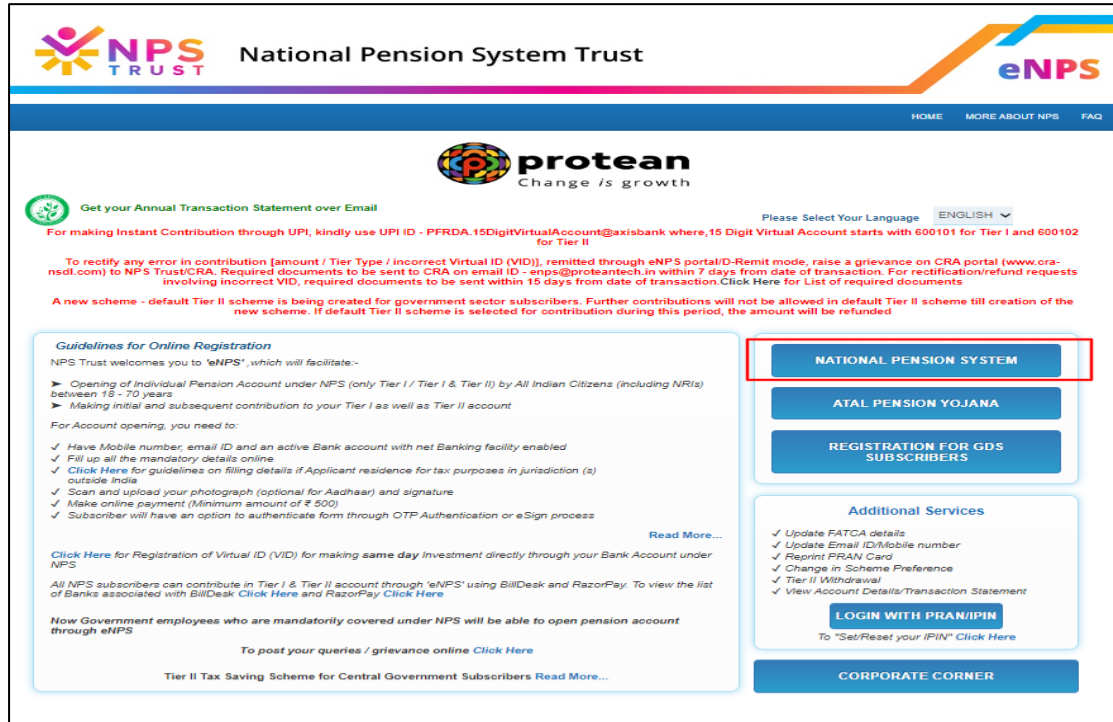


Figure 1

Read the instruction displayed on the screen & click on **"Registration"** button as given below in **Figure 2**.

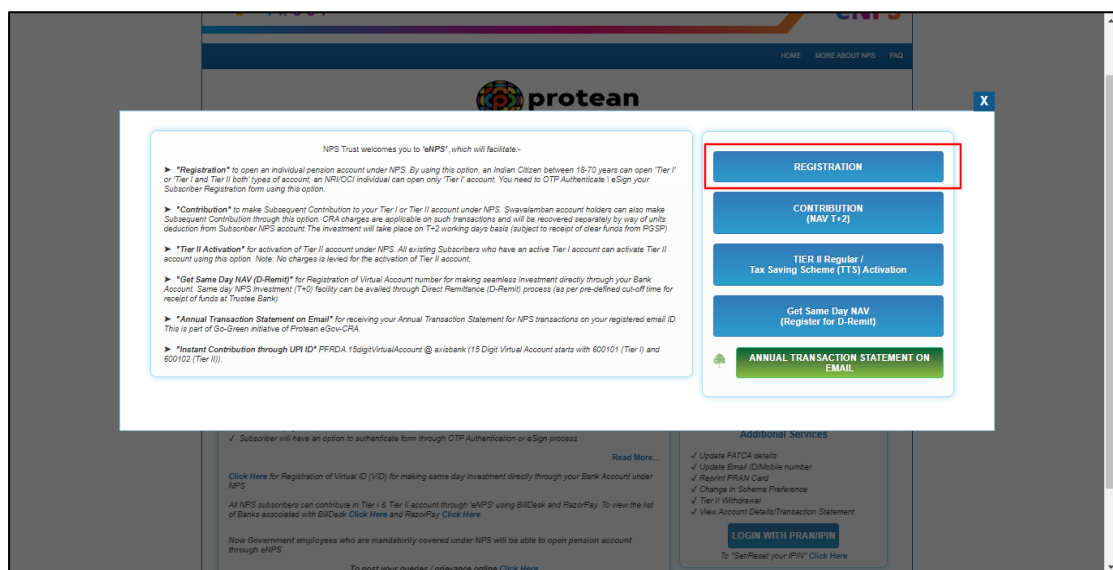


Figure 2

eNPS PRAN Generation through Aadhaar for Government Subscribers

- The screen will be redirected to a new page. User need to scroll down to **Government Subscriber section**. Under Government Subscriber, click on **"Register Now"** button as show in **Figure 3**.

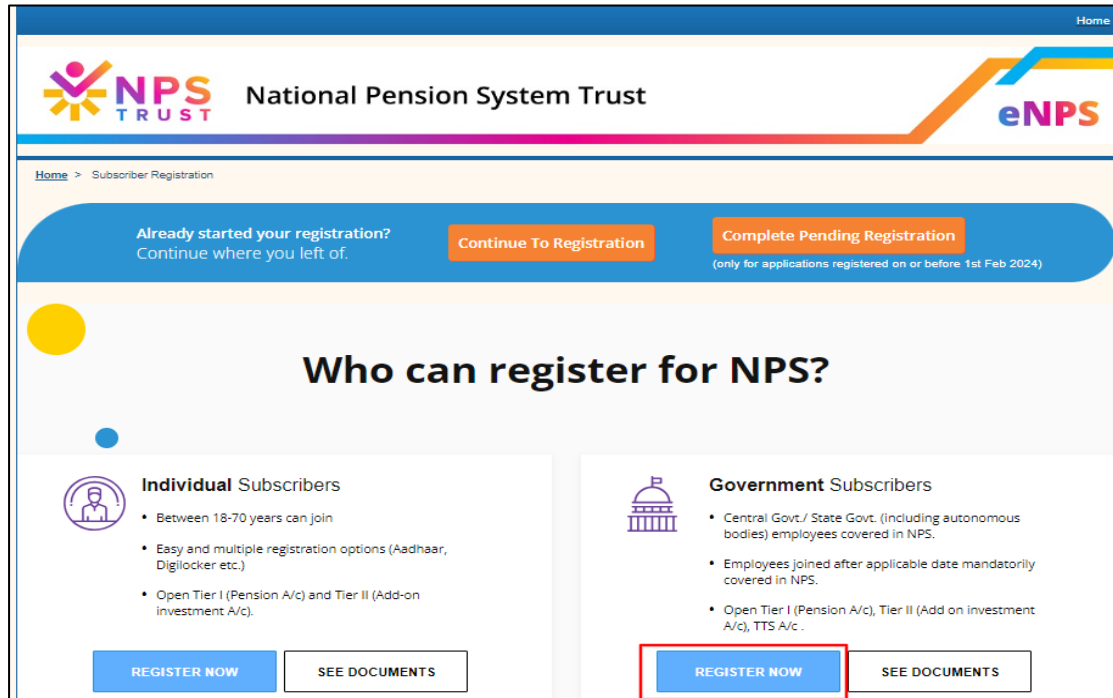


Figure 3

- User need to enter all the details as request on the screen as show in **Figure 4**.

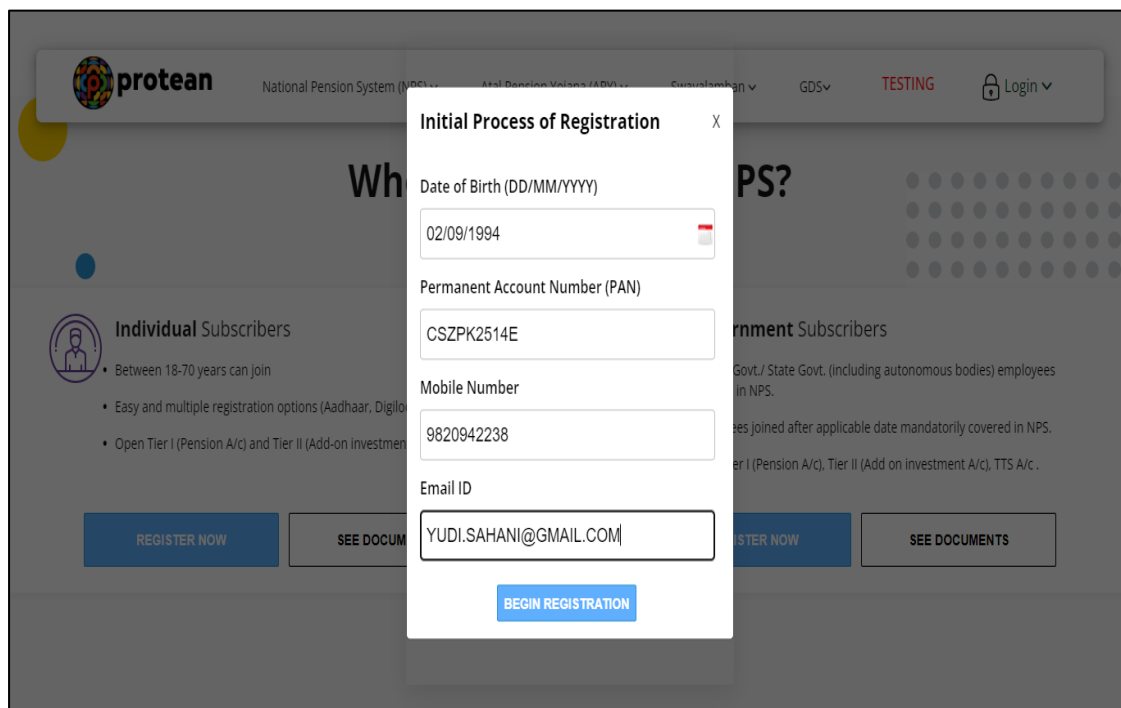
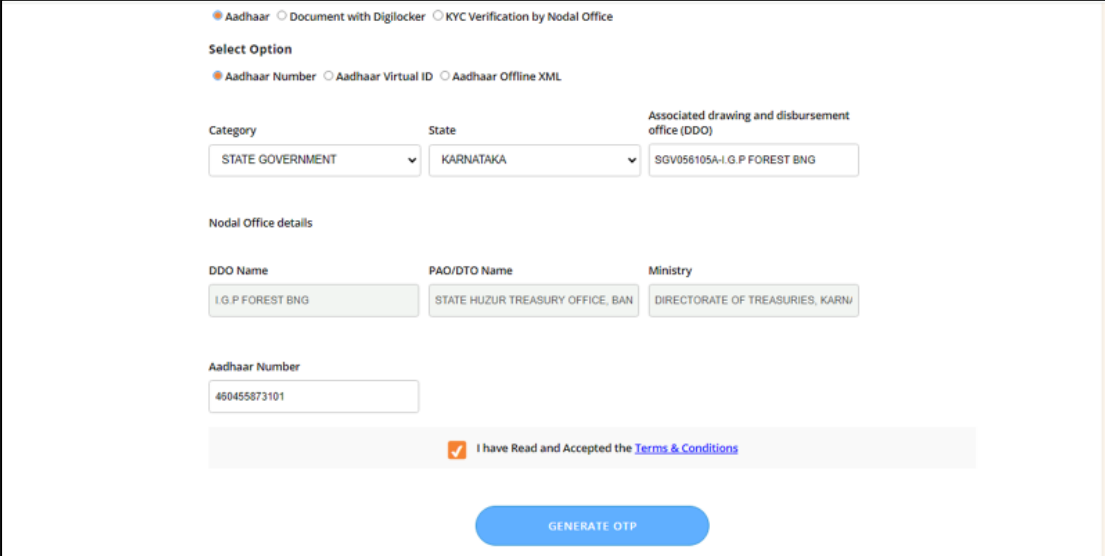


Figure 4

eNPS PRAN Generation through Aadhaar for Government Subscribers

- User need to select the option **“Aadhaar”** and option as **“Aadhaar Number”** as show in **Figure 5**. After reading all the terms & condition user can submit for Generate OTP.



☒ Aadhaar ☐ Document with Digilocker ☐ KYC Verification by Nodal Office

Select Option

☒ Aadhaar Number ☐ Aadhaar Virtual ID ☐ Aadhaar Offline XML

Category: STATE GOVERNMENT State: KARNATAKA Associated drawing and disbursement office (DDO): SGV056105A-I.G.P FOREST BNG

Nodal Office details

DDO Name: I.G.P FOREST BNG PAO/DTO Name: STATE HUZUR TREASURY OFFICE, BAN Ministry: DIRECTORATE OF TREASURIES, KARN

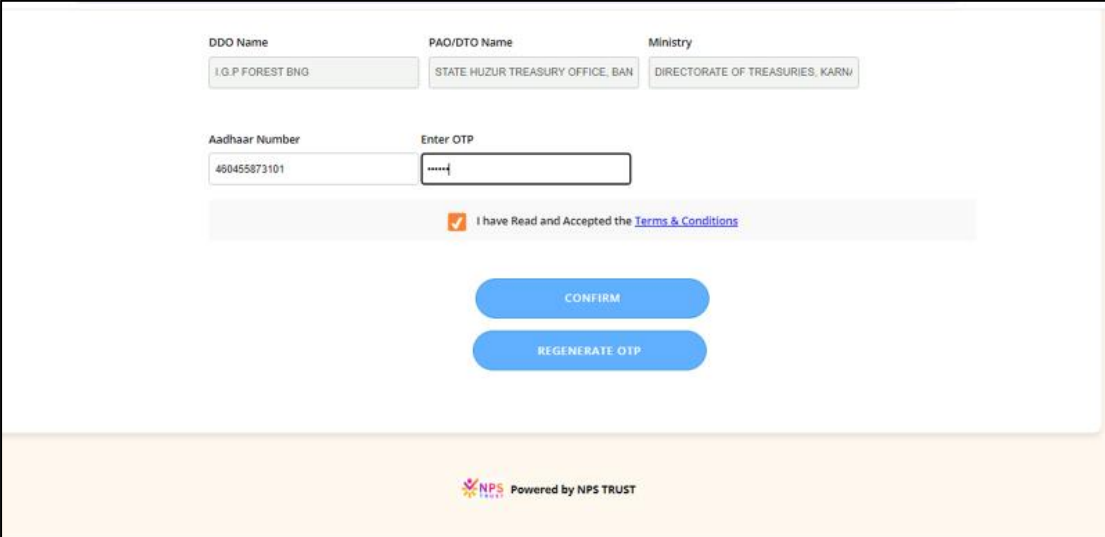
Aadhaar Number: 460455873101

☒ I have Read and Accepted the [Terms & Conditions](#)

GENERATE OTP

Figure 5

- System will trigger OTP in Aadhaar registered Mobile Number. The user will have to enter the OTP and confirm. In case OTP is not received, user can regenerate OTP as shown in **Figure 6**.



DDO Name: I.G.P FOREST BNG PAO/DTO Name: STATE HUZUR TREASURY OFFICE, BAN Ministry: DIRECTORATE OF TREASURIES, KARN

Aadhaar Number: 460455873101 Enter OTP: [Masked]

☒ I have Read and Accepted the [Terms & Conditions](#)

CONFIRM

REGENERATE OTP


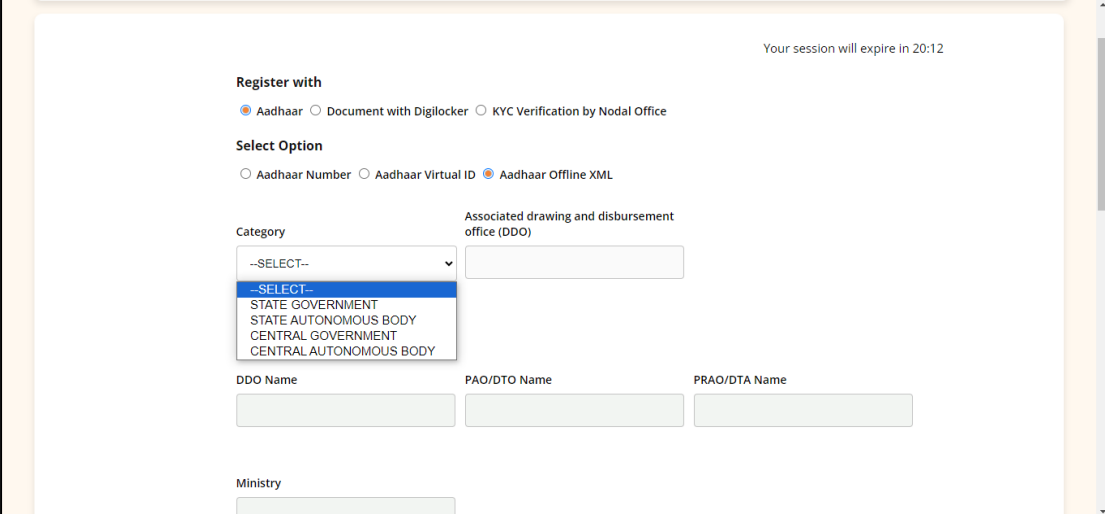
 Powered by NPS TRUST

Figure 6

eNPS PRAN Generation through Aadhaar for Government Subscribers

The user can also select Aadhar Offline XML option for generating PRAN as shown in **Figure 7**.



Register with
☒ Aadhaar ☐ Document with Digilocker ☐ KYC Verification by Nodal Office

Select Option
☐ Aadhaar Number ☐ Aadhaar Virtual ID ☒ Aadhaar Offline XML

Category
 --SELECT--
 --SELECT--
 STATE GOVERNMENT
 STATE AUTONOMOUS BODY
 CENTRAL GOVERNMENT
 CENTRAL AUTONOMOUS BODY

Associated drawing and disbursement office (DDO)

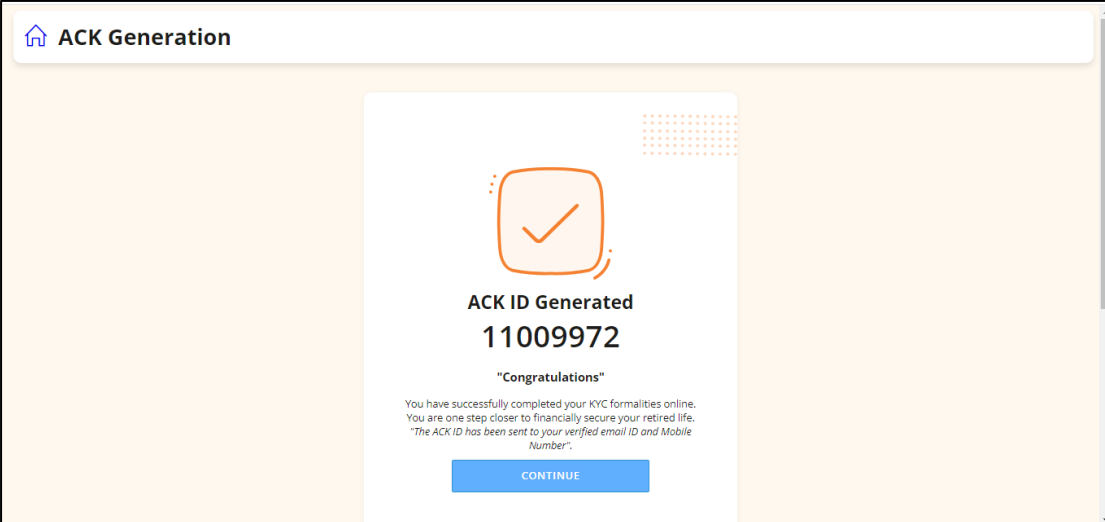
DDO Name PAO/DTO Name PRAO/DTA Name

Ministry


Your session will expire in 20:12

Figure 7

Once correct OTP is entered system generates ACK ID as shown in **Figure 8**.



ACK Generation



ACK ID Generated
11009972

"Congratulations"

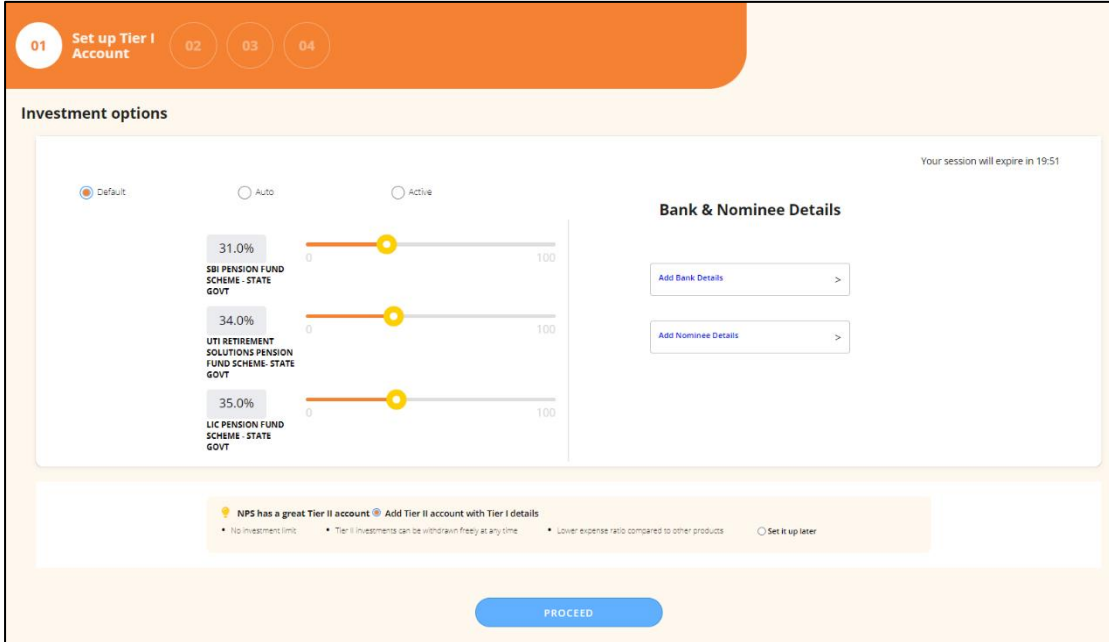
You have successfully completed your KYC formalities online.
 You are one step closer to financially secure your retired life.
 "The ACK ID has been sent to your verified email ID and Mobile Number".

[CONTINUE](#)

Figure 8

eNPS PRAN Generation through Aadhaar for Government Subscribers

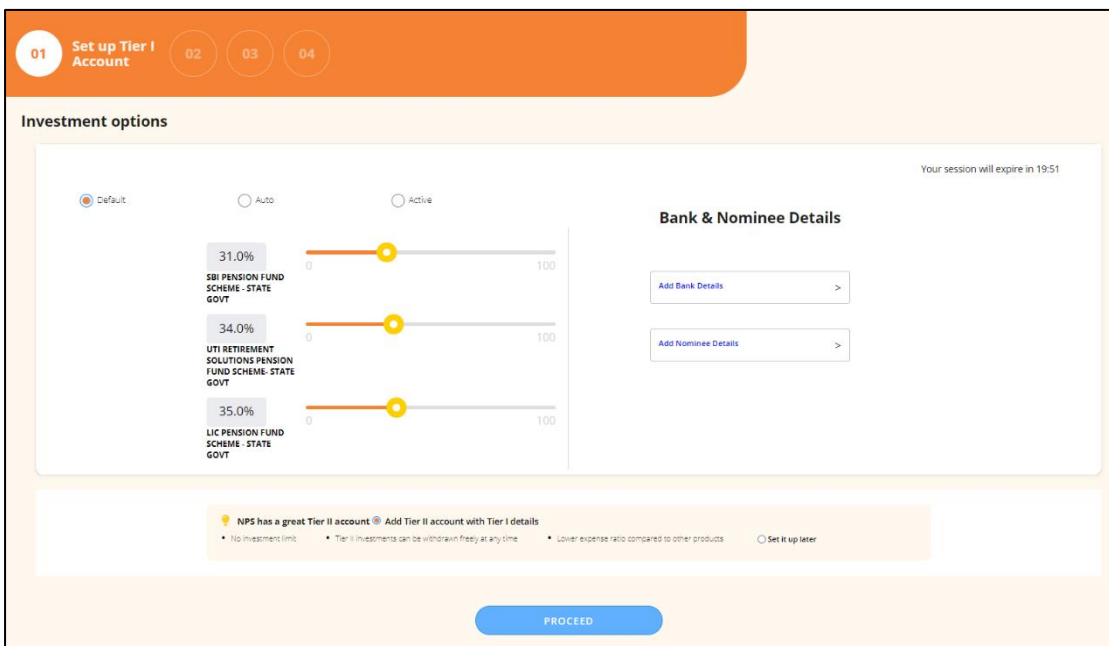
- After generation of ACK ID, user need to set up Tier 1 account. User need to select Pattern of Investment Option (Default/Auto/Active) as shown below in **Figure 9**.



The screenshot shows the 'Set up Tier I Account' interface. At the top, there are four steps: 01 (selected), 02, 03, and 04. The main section is titled 'Investment options' and includes three radio buttons: 'Default' (selected), 'Auto', and 'Active'. Below these are three investment options with sliders: 'SBI PENSION FUND SCHEME - STATE GOVT' (31.0%), 'UTI RETIREMENT SOLUTIONS PENSION FUND SCHEME - STATE GOVT' (34.0%), and 'LIC PENSION FUND SCHEME - STATE GOVT' (35.0%). To the right, under 'Bank & Nominee Details', there are two buttons: 'Add Bank Details' and 'Add Nominee Details'. At the bottom, there is a 'PROCEED' button. A session expiration notice 'Your session will expire in 19:51' is visible in the top right corner.

Figure 9

- The user need to add the Bank Account Details as highlighted in red box in **Figure 10**.

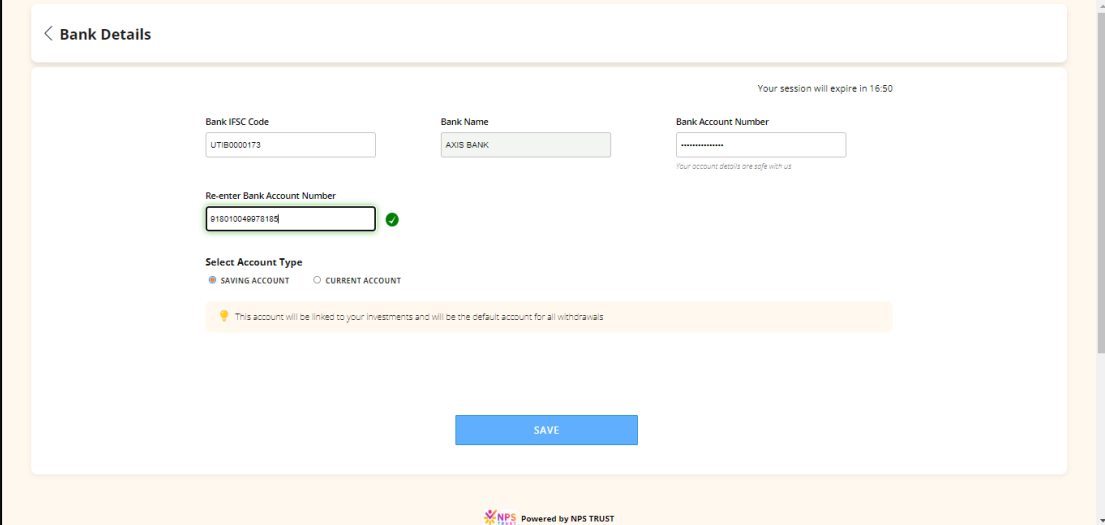


This screenshot is identical to Figure 9, showing the 'Set up Tier I Account' interface. A red rectangular box highlights the 'Add Bank Details' button under the 'Bank & Nominee Details' section. The rest of the interface, including the investment options and the 'PROCEED' button, remains the same.

Figure 10

eNPS PRAN Generation through Aadhaar for Government Subscribers

- After entering all the correct bank details system will verify the Bank details and mark a green tick (✔). User will save the details as shown in **Figure 11**.



Bank Details

Your session will expire in 16:50

Bank IFSC Code: UTIB0000173

Bank Name: AXIS BANK

Bank Account Number: [REDACTED]

Re-enter Bank Account Number: 918010049878198 [✔]

Select Account Type: ☒ SAVING ACCOUNT ☐ CURRENT ACCOUNT

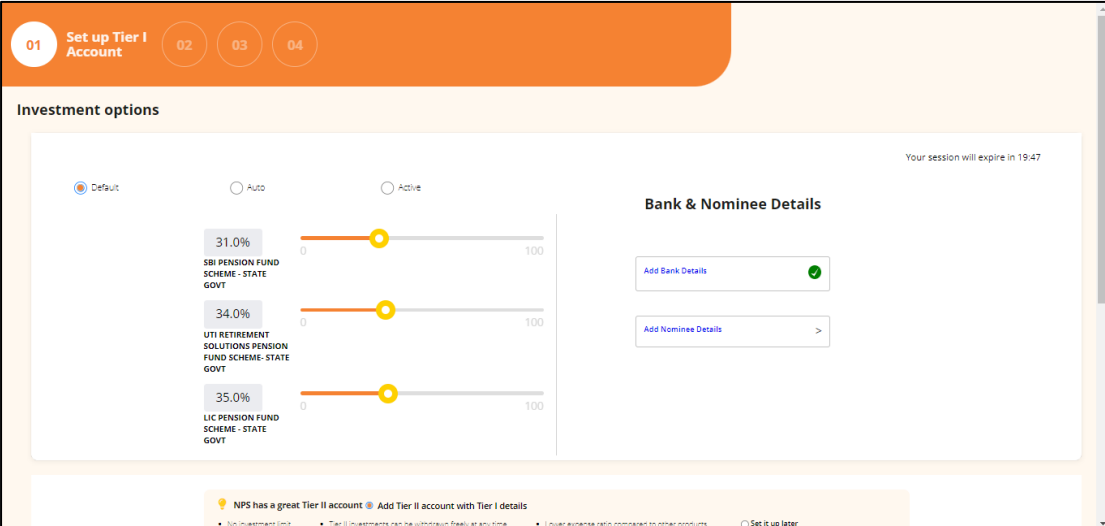
This account will be linked to your investments and will be the default account for all withdrawals

SAVE

NPS Powered by NPS TRUST

Figure 11

- User will then add Nominee details as highlighted in red box shown in **Figure 12**.



01 Set up Tier I Account 02 03 04

Investment options

Default Auto Active

31.0% SBI PENSION FUND SCHEME - STATE GOVT

34.0% UTI RETIREMENT SOLUTIONS PENSION FUND SCHEME - STATE GOVT

35.0% LIC PENSION FUND SCHEME - STATE GOVT

Bank & Nominee Details

Add Bank Details [✔]

Add Nominee Details >

NPS has a great Tier II account Add Tier II account with Tier I details

No investments limit Tier II investments can be withdrawn freely at any time Lower expense ratio compared to other products Set it up later

Figure 12

eNPS PRAN Generation through Aadhaar for Government Subscribers

- User will have to enter the Nominee details as shown in **Figure 13**. In case more Nominee needs to added user can click on “Add Another Nominee” as shown in below Figure.

Note: A maximum of 3 Nominees can be added and total sum percentage (%) of all Nominee should be 100%.

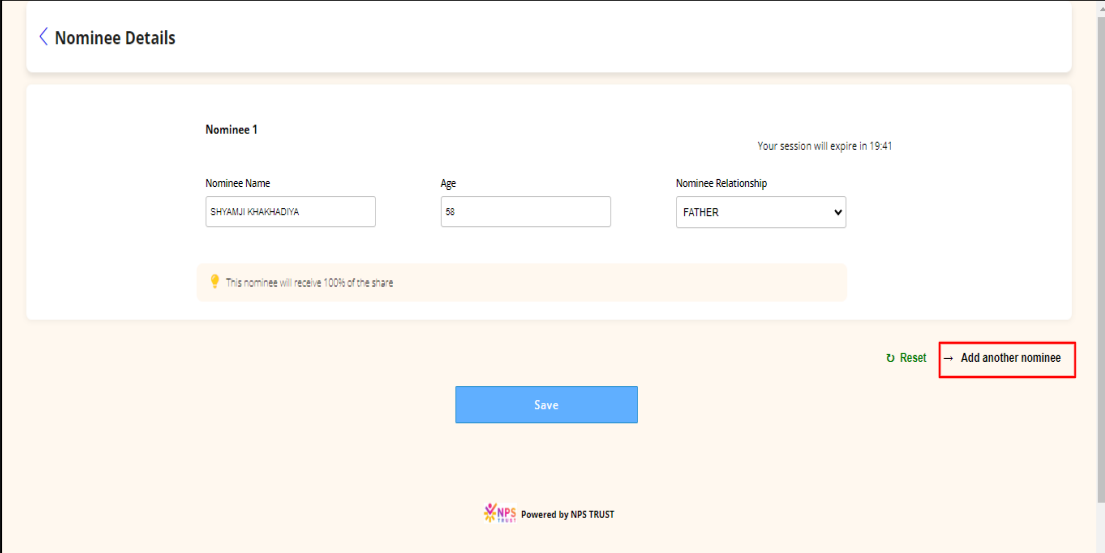


Figure 13

- Once all the details are entered system will show a verified mark (✓) against Bank & Nominee details and user will have to click on proceed option as shown in below **Figure 14**.

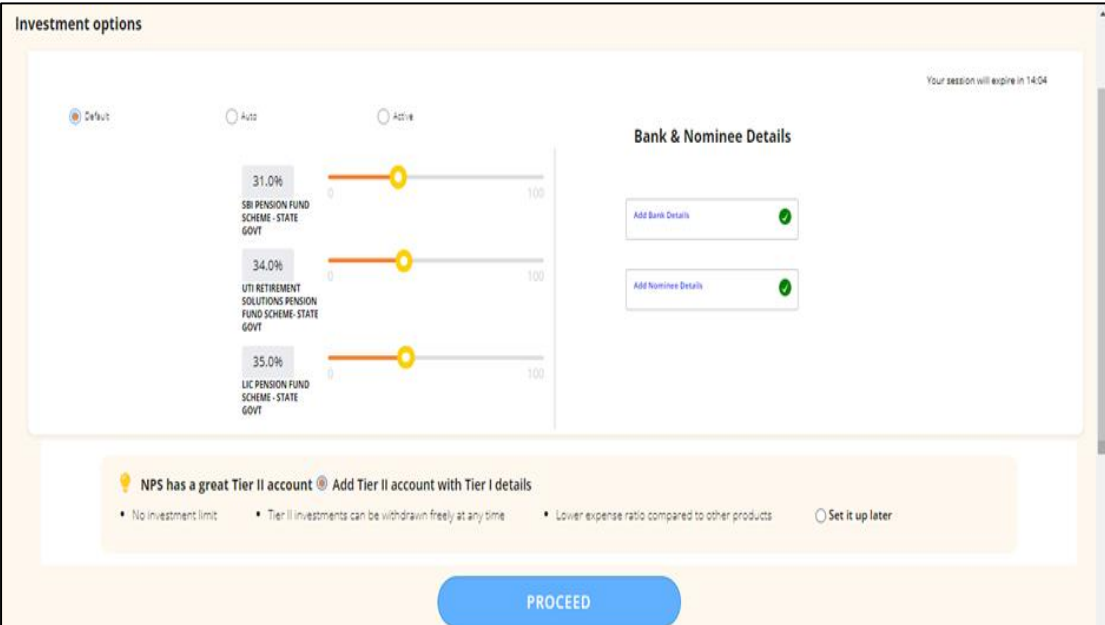


Figure 14

eNPS PRAN Generation through Aadhaar for Government Subscribers

- After clicking on proceed, User will have to enter Personal details like DOB/DOJ/Address. User have to declare the Tax paying country under FATCA Details and tick (✓) on both the options as shown in below **Figure 15**. Once all the details are entered, kindly click on “Proceed”.

01
02
03
04

Your session will expire in 19:07

Place of Birth

Country of Birth

Nationality

Membership Number(PPAN)

Date of Joining

Department

Date of Retirement

Annual Income Range

FATCA Details

☒ I pay tax of india
 ☒ I am not US person

FATCA 1

Country of Tax residency

Address of Tax residency

TIN Number Issuing Country

Tax Identification Number

Validity

State

City

Zip Code

Address Proof

Current Address Proof

Document Proof ID (if any)

Document Expiry Date (if any)

Proof of Identity

Identity Proof

ID Number

ID Expiry Date

Date of Birth Proof

Document Proof ID (if any)

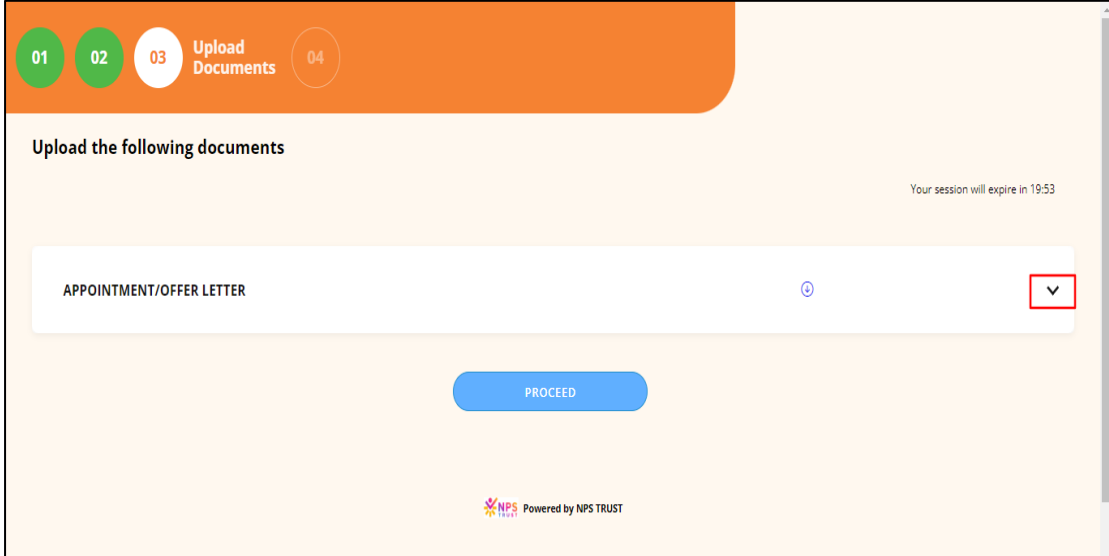
Document Expiry Date

PROCEED

Figure 15

eNPS PRAN Generation through Aadhaar for Government Subscribers

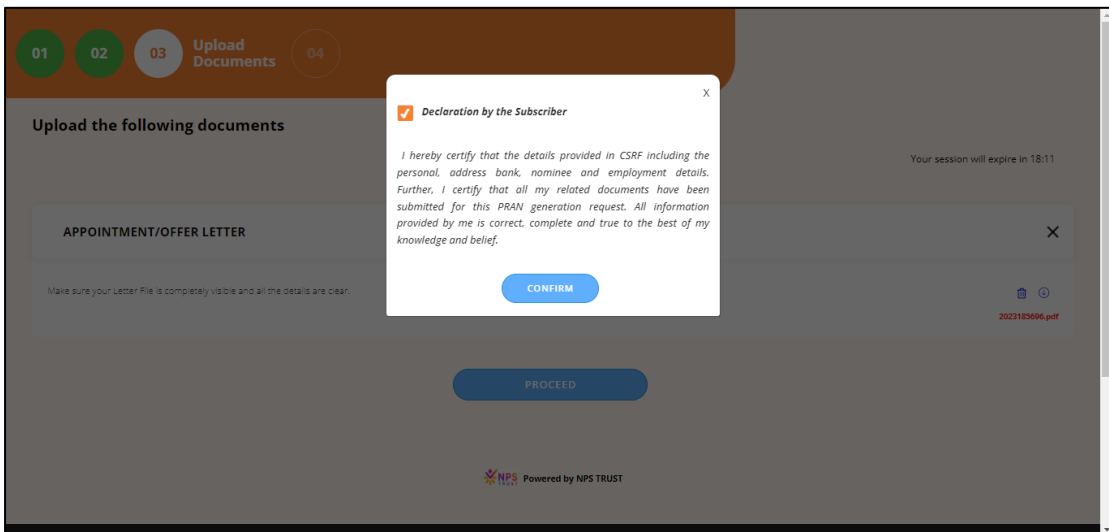
- After successful updation of Personal details, User will have to click on drop down menu (▼) to upload the documents as shown in **Figure 16** and click on Proceed. User can upload Appointment Letter or Offer Letter whichever document is available.



The screenshot shows a web interface with a progress bar at the top containing four steps: 01, 02, 03 (highlighted), and 04. Step 03 is labeled 'Upload Documents'. Below the progress bar, the text 'Upload the following documents' is displayed. A session timer indicates 'Your session will expire in 19:53'. A white box contains the text 'APPOINTMENT/OFFER LETTER' and a blue circular icon with a downward arrow. A red box highlights a dropdown arrow (▼) on the right side of this box. Below the box is a blue 'PROCEED' button. At the bottom, there is a logo for 'NPS TRUST' with the text 'Powered by NPS TRUST'.

Figure 16

- Once User clicks on Proceed, a dialogue box appears for declaration of details captured by subscriber. User have to tick (☑) the box for declaring all the details including Personal, Bank and Nominee entered are correct and click on "Confirm" as shown in **Figure 17**.



The screenshot shows the same web interface as Figure 16, but with a modal dialog box open. The dialog box is titled 'Declaration by the Subscriber' and contains a checkbox that is checked (☑). The text inside the dialog box reads: 'I hereby certify that the details provided in CSRF including the personal, address bank, nominee and employment details. Further, I certify that all my related documents have been submitted for this PRAN generation request. All information provided by me is correct, complete and true to the best of my knowledge and belief.' Below the text is a blue 'CONFIRM' button. The background interface is dimmed, showing the 'APPOINTMENT/OFFER LETTER' box and the 'PROCEED' button. A session timer indicates 'Your session will expire in 18:11'. At the bottom, there is a logo for 'NPS TRUST' with the text 'Powered by NPS TRUST'.

Figure 17

eNPS PRAN Generation through Aadhaar for Government Subscribers

- 👤 User will have to select the sign in method as shown in **Figure 18** and click on Confirm.
- In case user select OTP authentication, an OTP in Mobile number and Email ID needs to be entered.
- In case of eSign option is selected, Only OTP in Aadhaar registered Mobile Number needs to be entered.

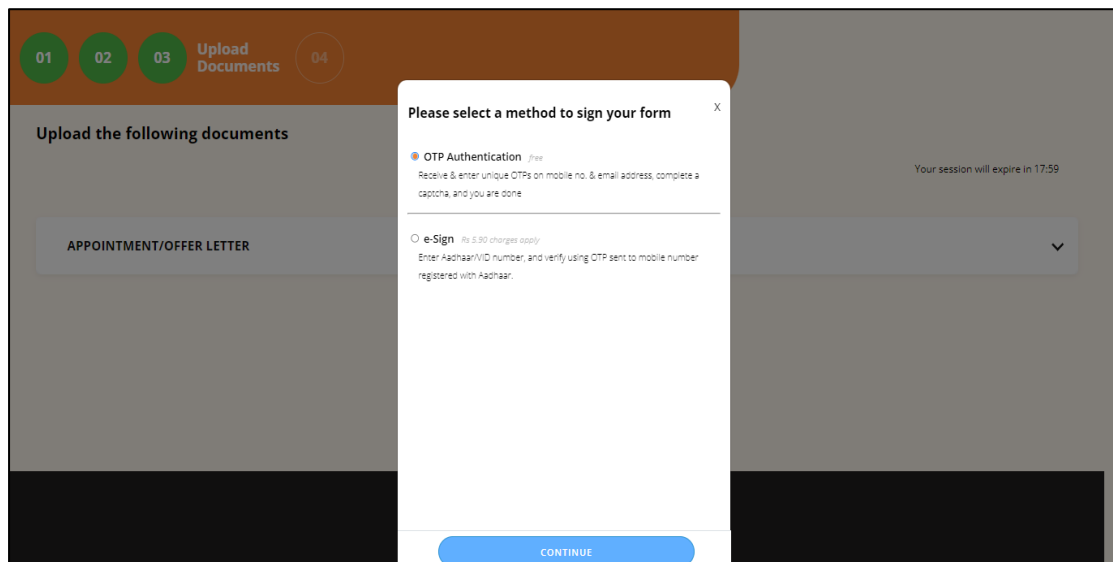


Figure 18

- 👤 Kindly enter the OTP triggered in Registered Mobile Number and Email ID as shown in **Figure 19**.

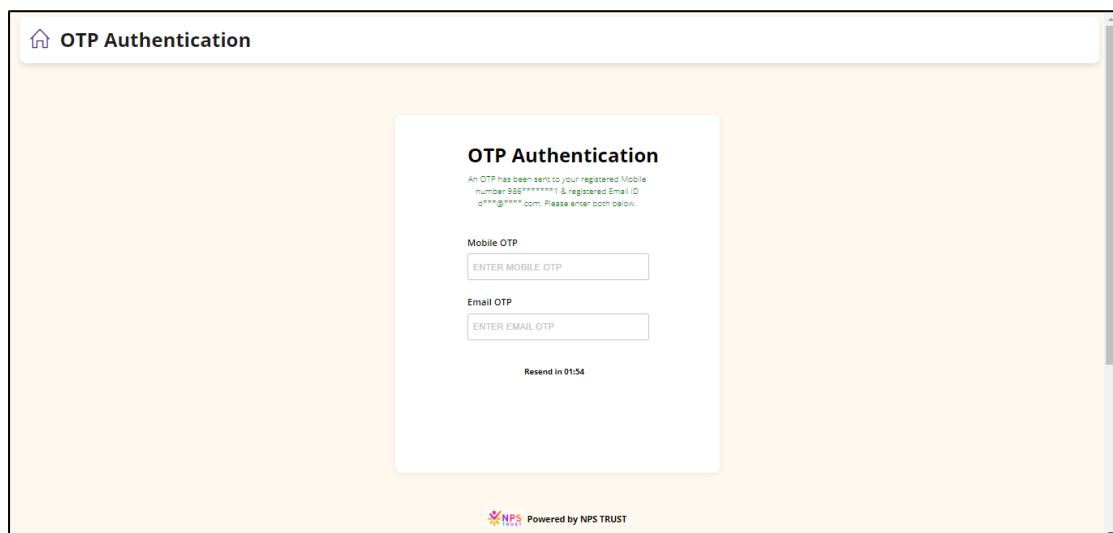


Figure 19

eNPS PRAN Generation through Aadhaar for Government Subscribers

- Once correct OTP is entered, a message pops in showing Initial Investment is completed as shown in **Figure 20** along with ACK ID and ACK ID Date. User can also download the Registered Form.

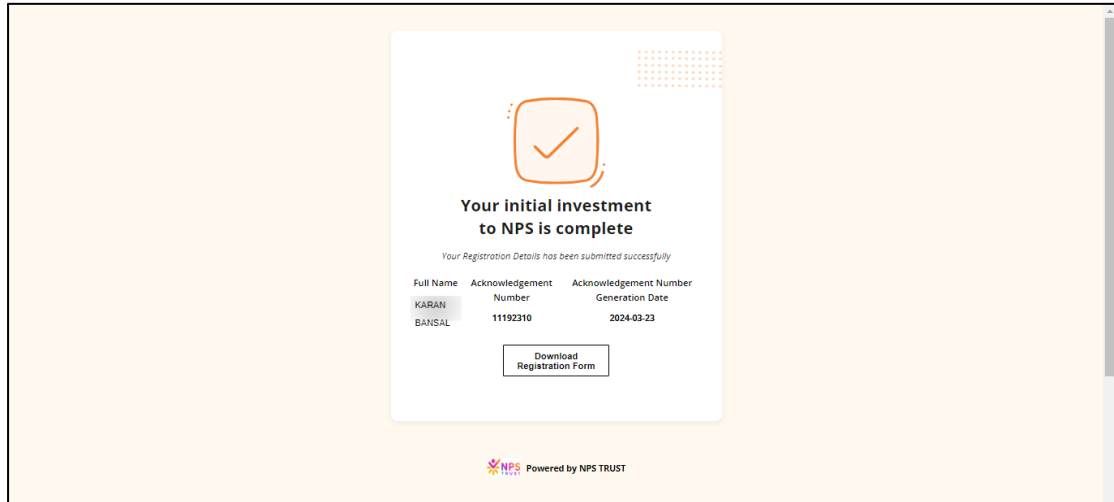


Figure 20

- After Subscriber Level process is completed the request is made available for Verification and Authorization at Nodal office level.

2. Steps to Verify PRAN Generation through Nodal Office Maker Login

- Nodal office will login into CRA system by entering <https://cra-nsdl.com/CRA/>.
- User will click on "eNPS Registration" option from Authorize Request Menu as shown in **Figure 21**.

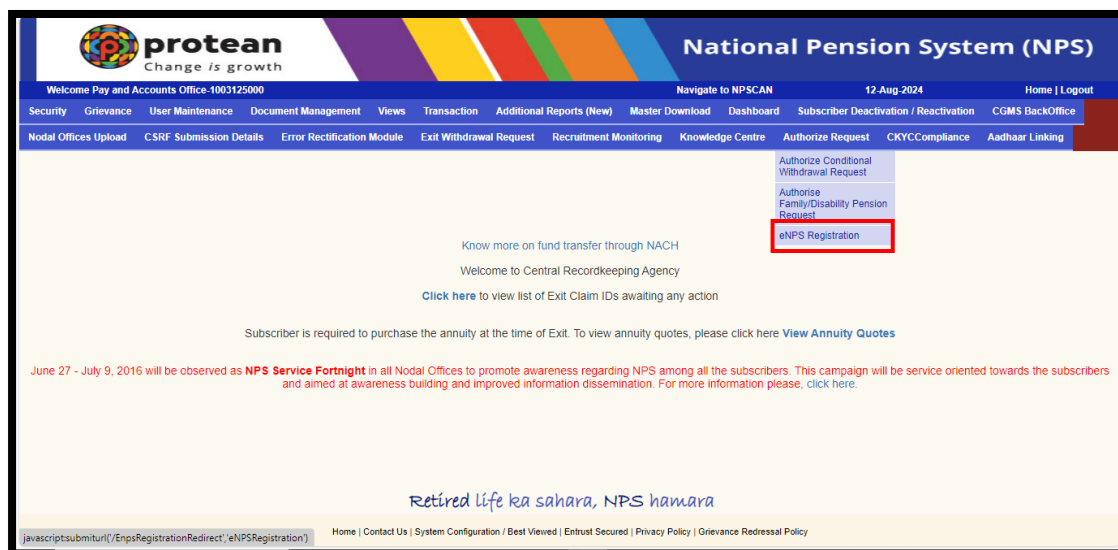
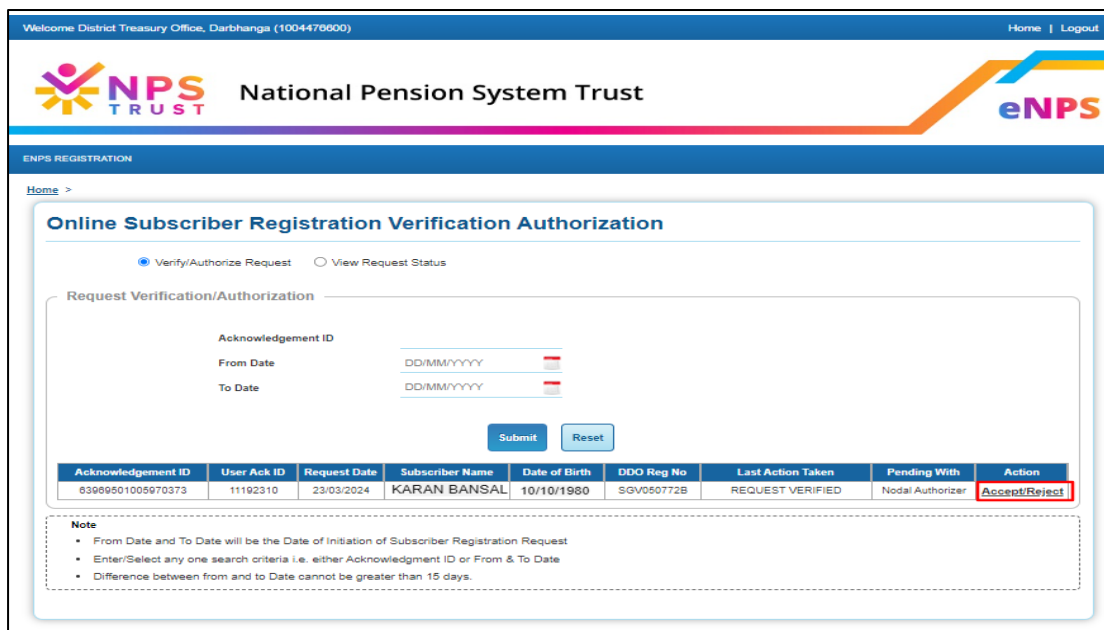


Figure 21

- User will be redirected to NPS Trust website for verifying the request, system shows options for Verify and View Status. User will have to select Verify/Authorize and enter the Acknowledgment ID for Verifying the request and click on Accept/Reject option as shown in **Figure 22**. to verify the request.



Acknowledgement ID	User Ack ID	Request Date	Subscriber Name	Date of Birth	DDO Reg No	Last Action Taken	Pending With	Action
63669501005970373	11192310	23/03/2024	KARAN BANSAL	10/10/1980	SGV050772B	REQUEST VERIFIED	Nodal Authorizer	Accept/Reject

Note



- From Date and To Date will be the Date of Initiation of Subscriber Registration Request
- Enter/Select any one search criteria i.e. either Acknowledgment ID or From & To Date
- Difference between from and to Date cannot be greater than 15 days.

Figure 22

eNPS PRAN Generation through Aadhaar for Government Subscribers

- User will have to verify all the details by clicking in bottom right option ">>" as shown below in **Figure 23**.

Welcome District Treasury Office, Darbhanga (1004478601) [Home](#) | [Logout](#)

 **National Pension System Trust** 

ENPS REGISTRATION

[Home](#) > [Subscriber Confirmation \(Core\)](#)

Subscriber Registration

1 Start
2 Acknowledgement ID Generated
3 Registration Details Submitted
4 OTP Authentication/eSign Registration Form
5 Verification
6 Authorization
7 PRAN Generated
8 Process Complete

Acknowledgement No: 11192310 Subscriber Name: KARAN BANSAL

Account Type: Tier I

[Personal Details](#)
[Contact Details](#)
[Bank & Other Details](#)
[Scheme & Nomination Details](#)
[Documents Upload](#)
[Photo & Signature Details](#)
[Declarations](#)

Personal Details

Title	SHRI
First Name *	KARAN BANSAL
Last Name	
Middle Name	
Applicant is Orphan	NO
Gender *	MALE
Date of Birth *	10/10/1985
Place of Birth *	MUMBAI
Country of Birth *	INDIA
Nationality *	INDIAN
Marital Status	UNMARRIED
Mobile *	9820098200 ✓
<input type="checkbox"/> I confirm that my WhatsApp number is same as the mobile number registered above. I also provide my consent to Protean eGov Technologies Limited (CRA) for sending messages / notifications on my WhatsApp number	
Email ID *	KARANBANSAL@GMAIL.COM ✓
Telephone with STD Code	

Family Details

Father's Title	SHRI
Father's First Name	ASHISH BANSAL
Father's Middle Name	
Father's Last Name	
Mother's Title	
Mother's First Name	
Mother's Middle Name	
Mother's Last Name	

Identity Details

PAN	ABCPD1234S
PAN Verification Flag *	NO
Last 4 digit of Aadhaar	XXXXXXXX
Aadhaar Verification Flag	YES
KYC Verification Flag	YES
Passport No	
Voter ID	
CERSAI ID	
Retirement Advisory ID	
Retirement Advisory Name	

Proof of Identity

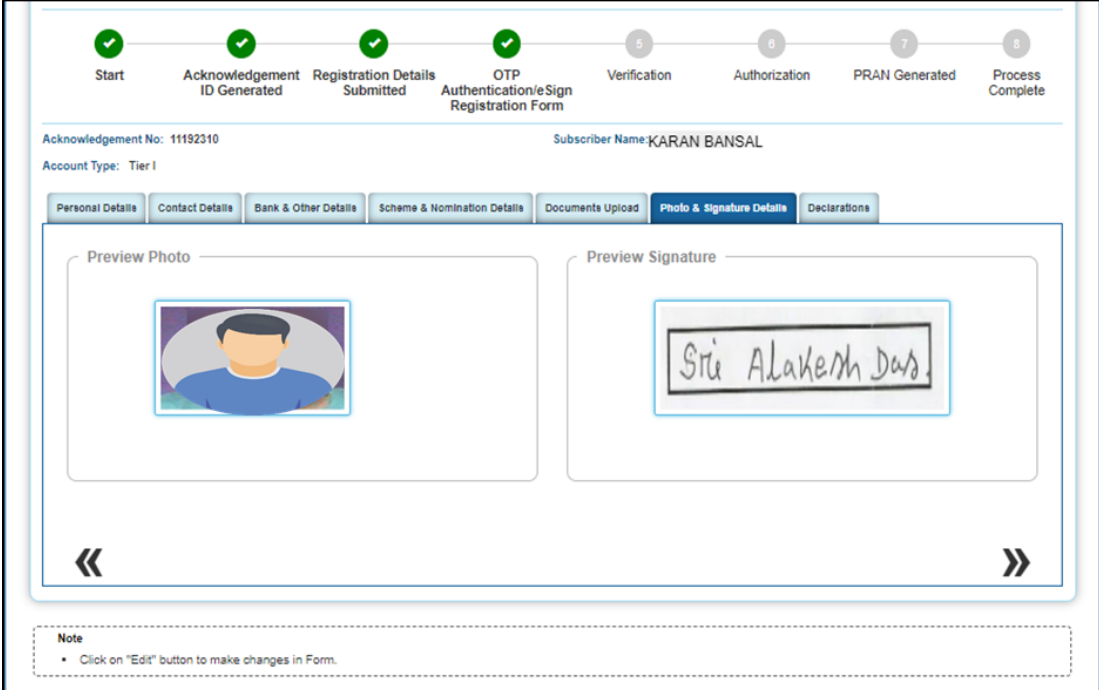
Identity Proof	Driving Licence
Document ID	MH 1234567789
Document Expiry Date	12/07/2032
Date of Birth Proof	DRIVING LICENSE
Document Proof ID (if any)	MH 1234567789
Document Expiry Date (if any)	12/07/2032

>>

Figure 23

eNPS PRAN Generation through Aadhaar for Government Subscribers

- User will verify Photo & Signature of the subscriber as per the CSRF form and click on ">>" option to proceed as shown in below **Figure 24**.



The screenshot displays the eNPS PRAN Generation interface. At the top, a progress bar shows eight steps: Start, Acknowledgement ID Generated, Registration Details Submitted, OTP Authentication/eSign Registration Form, Verification, Authorization, PRAN Generated, and Process Complete. The first four steps are marked with green checkmarks, while the remaining four are marked with grey circles containing numbers 5 through 8. Below the progress bar, the Acknowledgement No. is 11192310 and the Subscriber Name is KARAN BANSAL. The Account Type is Tier I. A horizontal menu bar contains tabs for Personal Details, Contact Details, Bank & Other Details, Scheme & Nomination Details, Documents Upload, Photo & Signature Details (which is currently selected), and Declarations. The main content area is divided into two sections: 'Preview Photo' showing a placeholder image of a person, and 'Preview Signature' showing a handwritten signature 'Sri Alakesh Das'. At the bottom of the main content area, there are double left and right arrow icons. A 'Note' box at the bottom states: 'Click on "Edit" button to make changes in Form.'

Figure 24

- After verifying all the details as per CSRF form, User will have to select Approve / Reject and submit the Request as shown in **Figure 25**.
 - In case all the details are found correct, User can click on "Approve" option and process the request.
 - In case the request needs to be Rejected, User can click on "Reject" option with appropriate Remarks.

Note: Remark is Mandatory for Rejection of Request.

eNPS PRAN Generation through Aadhaar for Government Subscribers

Welcome District Treasury Office, Darbhanga (1004476601) Home | Logout

NPS TRUST **eNPS**

ENPS REGISTRATION

Home > Subscriber Registration (Approve Details)

Subscriber Registration

Start Acknowledgement ID Generated Registration Details Submitted OTP Authentication/eSign Registration Form Verification Authorization PRAN Generated Process Complete

Acknowledgement No: 11192310 Subscriber Name: KARAN BANSAL

Account Type: Tier I

Personal Details Contact Details Bank & Other Details Scheme & Nomination Details Documents Upload Photo & Signature Details Declarations **Authorization**

Flow View

Initiator Nodal Verifier Nodal Authorizer Completed

Entity ID	User ID	Date	User Type	Action Taken	Rejection Category	Remarks
SUBSCRIBER	SUBSCRIBER	23-03-2024	Initiator	Accepted		INITIATED

Verification/Authorization

☒ Approve ☐ Reject

Remarks*

Close

Figure 25

- Once the request is Approved, request is successfully Verified and is pending for Authorization at Checker Level as shown in **Figure 26**.

Welcome District Treasury Office, Darbhanga (1004476601) Home | Logout

NPS TRUST **eNPS**

Subscriber Registration Request

Initiator Nodal Verifier Nodal Authorizer Completed

Request has been successfully Accepted

User Ask ID: 11192310

Acknowledgement ID: 63969501003970373

Close

Flow View

Initiator Nodal Verifier Nodal Authorizer Completed

Entity ID	User ID	Date	User Type	Action Taken	Rejection Category	Remarks
SUBSCRIBER	SUBSCRIBER	23-03-2024	Initiator	Accepted		INITIATED
10044766	1004476601	23-03-2024	Nodal Verifier	Accepted		

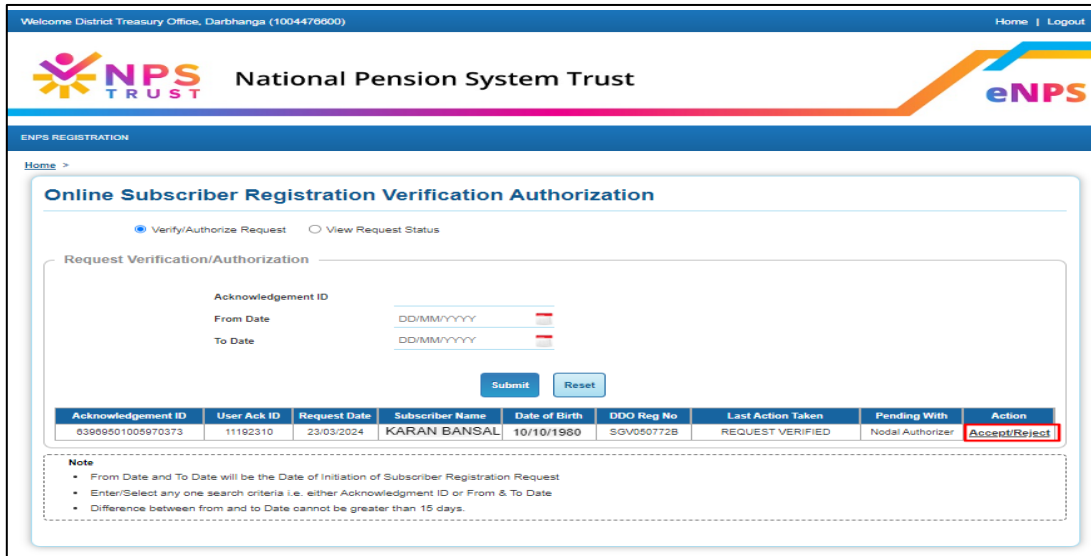
Verification/Authorization

*Mandatory Fields

Figure 26

3. Steps to Verify PRAN Generation through Nodal Office Checker Login.

- User will again go to Verify/Authorize and enter the Acknowledgment ID and select the Accept/Reject option as shown in **Figure 27**.



Welcome District Treasury Office, Darbhanga (1004476600) Home | Logout

NPS TRUST National Pension System Trust **eNPS**

ENPS REGISTRATION

Home >

Online Subscriber Registration Verification Authorization

☒ Verify/Authorize Request ☐ View Request Status

Request Verification/Authorization

Acknowledgement ID

From Date DD/MM/YYYY

To Date DD/MM/YYYY

Submit Reset

Acknowledgement ID	User Ack ID	Request Date	Subscriber Name	Date of Birth	DDO Reg No	Last Action Taken	Pending With	Action
6366950100970373	11192310	23/03/2024	KARAN BANSAL	10/10/1960	SGV050772B	REQUEST VERIFIED	Nodal Authorizer	Accept/Reject

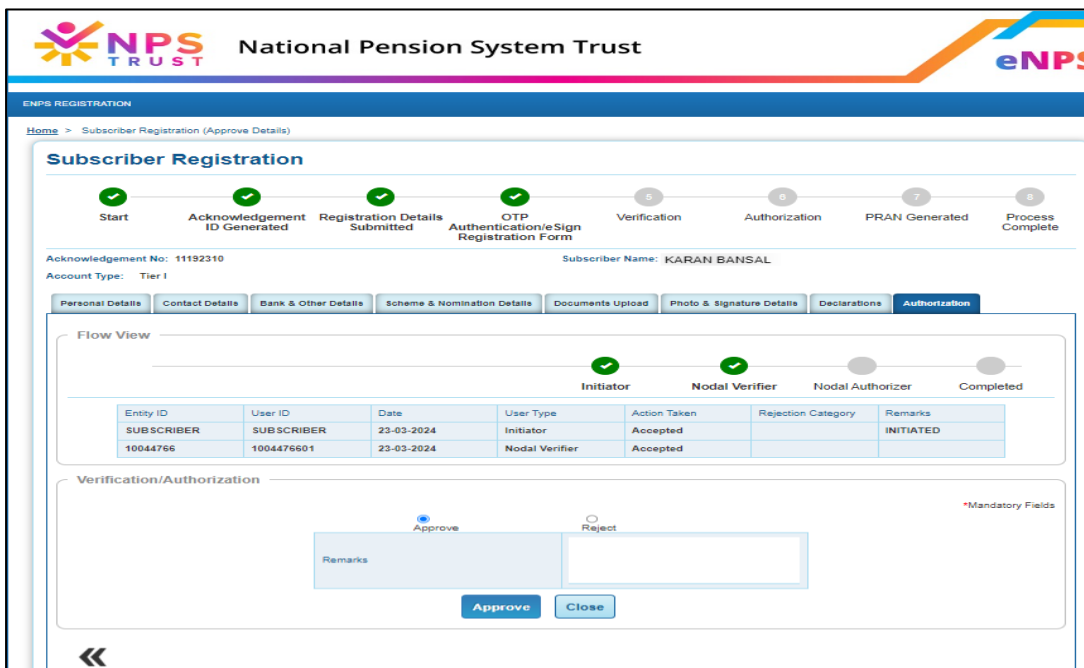
Note

- From Date and To Date will be the Date of Initiation of Subscriber Registration Request
- Enter/Select any one search criteria i.e. either Acknowledgment ID or From & To Date
- Difference between from and to Date cannot be greater than 15 days.

Figure 27

- After verifying all the details as per CSRF form, User will have to select Approve / Reject and submit the Request as shown in **Figure 28**.
- In case all the details are found correct, User can click on "Approve" option and process the request.
- In case the request needs to be Rejected, User can click on "Reject" option with appropriate Remarks.

Note: Remark is Mandatory for Rejection of Request.



NPS TRUST National Pension System Trust **eNPS**

ENPS REGISTRATION

Home > Subscriber Registration (Approve Details)

Subscriber Registration

Start Acknowledgement ID Generated Registration Details Submitted OTP Authentication/eSign Registration Form Verification Authorization PRAN Generated Process Complete

Acknowledgement No: 11192310 Subscriber Name: KARAN BANSAL

Account Type: Tier I

Personal Details Contact Details Bank & Other Details Scheme & Nomination Details Documents Upload Photo & Signature Details Declarations **Authorization**

Flow View

Initiator Nodal Verifier Nodal Authorizer Completed

Entity ID	User ID	Date	User Type	Action Taken	Rejection Category	Remarks
SUBSCRIBER	SUBSCRIBER	23-03-2024	Initiator	Accepted		INITIATED
10044766	1004476601	23-03-2024	Nodal Verifier	Accepted		

Verification/Authorization

☒ Approve ☐ Reject

Remarks

Approve Close

*Mandatory Fields

Figure 28

eNPS PRAN Generation through Aadhaar for Government Subscribers

- Once request is successfully Authorized, PRAN is generated in CRA system as shown in **Figure 29**.

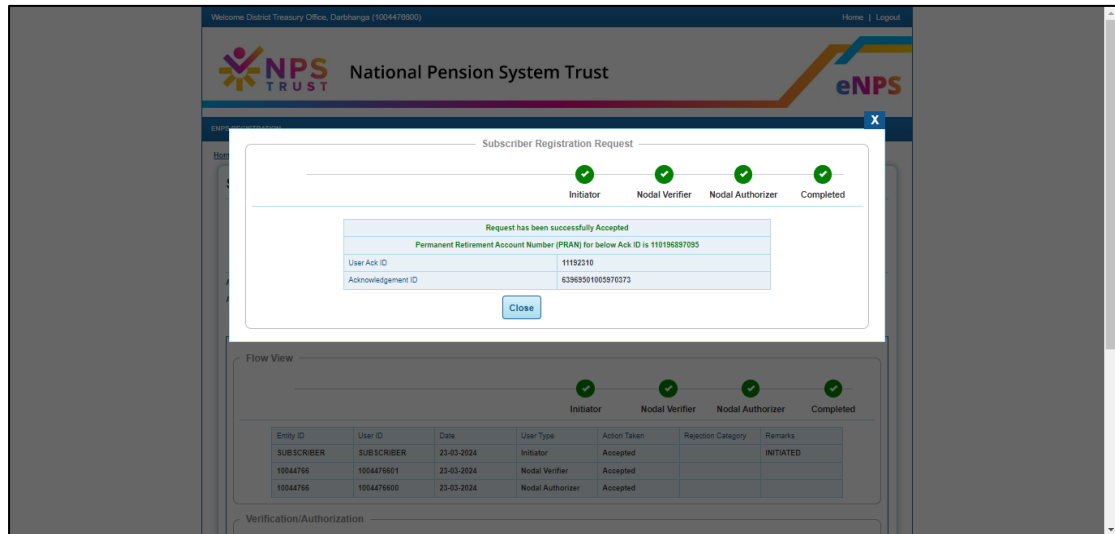


Figure 29