आज़ादी का अमृत महोत्सव

भारत सरकार Government of India
रेल मंत्रालय Ministry of Railways
रेलवे बोर्ड (Railway Board)

RBA No. 25 / 2023

No. 2023/ACII/21/4/SCF/e 3439680

New Delhi, dated : 10.08.2023

PFAs

All Zonal Railways and PUs.

Sub: Uploading of Subscriber Contribution File (SCF) from IPAS to Protean (formerly known as NSDL) .

****

A utility has been created in IPAS for direct uploading of Subscriber Contribution File (SCF) from IPAS to Protean (erstwhile NSDL). The utility has already been tested in some of the accounting units. The detailed manual is enclosed herewith.

Necessary action may please be taken regarding uploading of SCF from IPAS to Protean from salary of August, 2023 onwards. For further assistance, Shri Vaibhav Dutt Jowhari, PPE(AIMS)CRIS (mobile no. 8130797571) may please be contacted .

DA: As above

10/8/23

(Ajay Bartwal)
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भारत सरकार/ GOVERNMENT OF INDIA
रेल मंत्रालय/ MINISTRY OF RAILWAYS
(रेलवे बोर्ड/ RAILWAY BOARD)

आर.बी.ए. सं. 25/2023

सं. 2023/एसी-II/21/4/एससीएफ/ई 3439680

नई दिल्ली, दिनांक: 10.08.2023

प्रधान वित्त सलाहकार,
सभी क्षेत्रीय रेलें एवं उत्पादन इकाइयां।

विषय: अभिदाता अंशदान फाइल को आईपीएएस से प्रोटेयन (पूर्व में एनएसडीएल के रूप में जाना जाता था) में अपलोड करना।

अभिदाता अंशदान फाइल को आईपीएएस से प्रोटेयन (पूर्ववर्ती एनएसडीएल) में सीधे अपलोड करने के लिए आईपीएएस में एक उपयोगिता का सृजन किया गया है। कुछ लेखा इकाइयों में इस उपयोगिता का परीक्षण पहले ही किया जा चुका है। इसके साथ विस्तृत नियमावली संलग्न है।

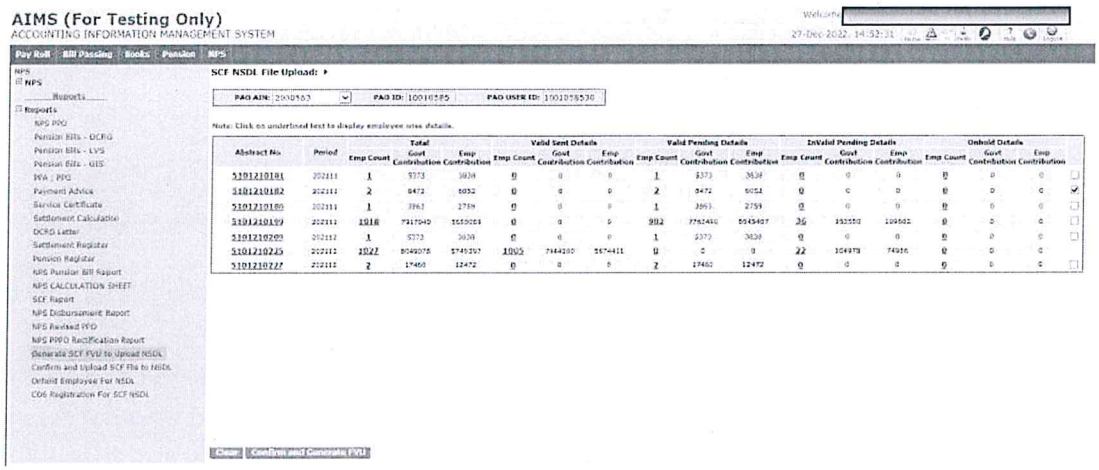
कृपया अगस्त, 2023 के वेतन से अभिदाता अंशदान फाइल को आईपीएएस से प्रोटेयन में अपलोड करने के संबंध में आवश्यक कार्रवाई की जाए। इस संबंध में और अधिक सहायता के लिए श्री वैभव दत्त जौहरी, पीपीई (एआईएमएस) क्रिस (मोबाइल नं. 8130797571) से संपर्क किया जाए।

संलग्नक: यथोक्त

(अजय बर्तवाल)
संयुक्त निदेशक वित्त (सीसीए)
रेलवे बोर्ड
फोन नं. 011-23047018
ई-मेल आईडी: ajay.bartwal@gov.in

SCF NSDL File Upload

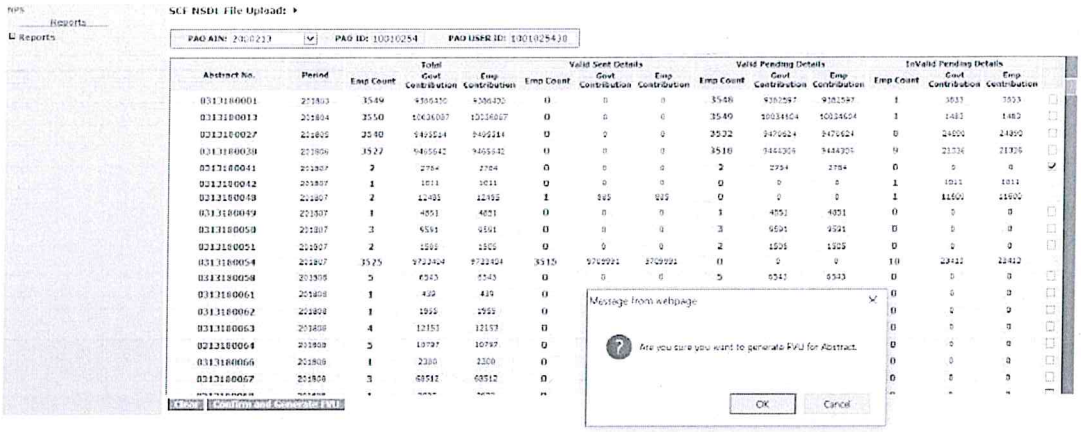
Introduction:



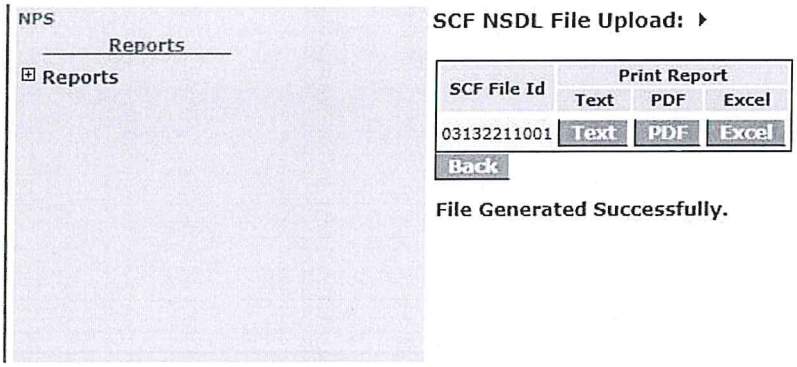
:: Working Process ::

➔ PRTRSCF table is used to display abstract no. wise data.

- Select PAO AIN from drop down list. PAO ID and PAO USER ID will be fetched as per master data available.
  Table: PRMASCFPAO
- Fetched records will display 4 types of records. Reports can be generated by clicking on counts given.
  a) Total Employee Count, Employee contribution and Government contribution in the abstract.
  b) Valid sent details - records, which are already participated in SCF FVU file.
  c) Valid pending details – records, with valid PRAN and pending for sent to NSDL through SCF File.
  d) Invalid Pending details – Either PRAN is not valid or GCB/SCB amount = 0.
  e) On Hold Details – If user has opted to On Hold any valid PRAN for sent to SCF NSDL. There is separate screen to On Hold/ revert On hold activity for any PRAN.
- Select abstracts by clicking on checkbox for which user wants to generate FVU.
- Click on "Confirm and Generate FVU" button to generate FVU.
- All the records for selected abstracts, as available in Valid Pending Details, will be assigned a unique SCF_FILEID. And a FVU will be generated to send to NSDL.



- Click on "Confirm and Generate FVU" button, for generating FVU. Confirmation message "Are you sure you want to generate FVU for Abstract." will display. User can confirm by clicking "OK" button to generate FVU and "Cancel" to cancel the FVU Generation process.
- Once FVU generated, unique "SCF File Id" will be generated.



- User can print the report in Text, pdf and excel format by clicking "Text","PDF" and "Excel" button respectively.
  - Tables: PRTRSCFCTRL, PRTRSCF, prtrscfctrldtl
  - **Update process while generation of FVU:**
    1. Unique SCF File Id will be created by using aucode,month,year and PRTRSCFCTRL table.
    2. Update PRTRSCF set SCF File ID to unique generated scf file id to the entire user selected abstract numbers or batch ids.
    3. Insert details of selected batch ids to table PRTRSCFCTRLDTL and PRTRSCFCTRL.
    4. Generation of FVU file.
    5. Table PRTRSCFCTRL will updated with status='F' if FVU generated successfully and 'E' is FVU file contain error.
    6. If there is Error while generation of FVU file, error message,records may be downloaded for the screen "Confirm and Upload SCF File to NSDL". User may verify the errors and may revert SCF File to rectify the errors.

7. After revert, the entire abstract records as available in SCF Fileid, will be available to generate a new SCF FVU File. Old SCF File Id will be of no Use.
8. New row insert in SCFACTIVITYLOGS with activity=" `FVU Generate`."

Note 1: Underlined, Red colored data on screen act as link to display the details of employees with their contributed amount of particular batch id.

Note 2: User can print the Employees details in pdf and excel format by clicking "Pdf" and "Excel" button respectively. "Back" button used to get back to the main screen.

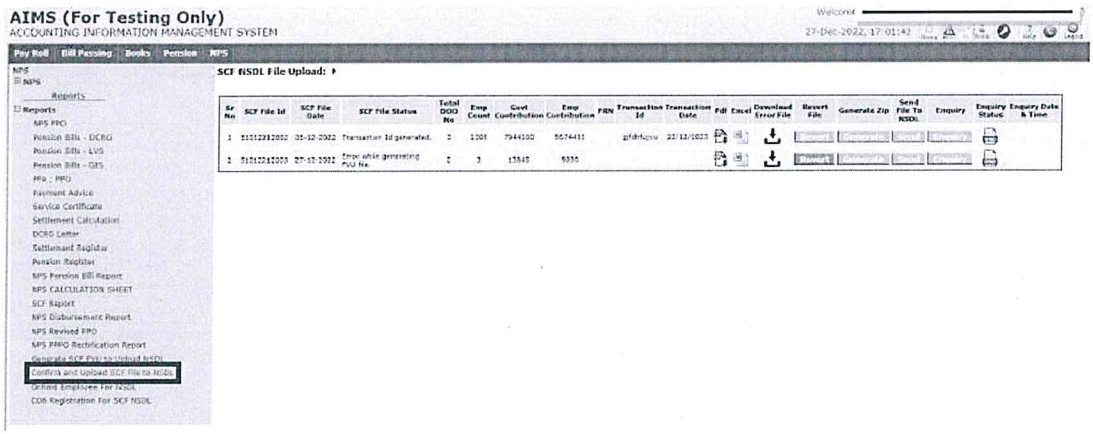


Sr No	DDONO	PRAN	Emp Name	GCB	SCB	Total Amount	Pay Month	Pay Year	Con Type	Remarks
1	-	110182554108	AMIT KUMAR	3833.00	3833.00	7666.00	03	2018	C	
2	CGVD02839E	110044221803	RAM BABU	2132.00	2132.00	4264.00	03	2018	C	
3	CGVD02839E	110074221791	DEEPAK KUMAR	2132.00	2132.00	4264.00	03	2018	C	
4	CGVD03841G	110012437881	SANJAY PRATAP KUNR	3066.00	3066.00	6132.00	03	2018	C	
5	CGVD06239C	110083973087	MANOJ KUMAR	3717.00	3717.00	7434.00	03	2018	C	
6	CGVD06239C	110084039523	SUNIT KAMBOJ	2132.00	2132.00	4264.00	03	2018	C	
7	CGVD06239C	110014564623	RAHUL KUMAR	3717.00	3717.00	7434.00	03	2018	C	
8	CGVD06239C	110020312429	NAVEEN KUMAR	2615.00	2615.00	5230.00	03	2018	C	
9	CGVD06239C	110020312479	SUSHILA RANI	3255.00	3255.00	6510.00	03	2018	C	
10	CGVD06239C	110024192563	RAJEEV KUMAR	3717.00	3717.00	7434.00	03	2018	C	
11	CGVD06239C	110024672313	SUKRAM PAL SINGH	3717.00	3717.00	7434.00	03	2018	C	
12	CGVD06239C	110034564619	NITIN KUMAR	3717.00	3717.00	7434.00	03	2018	C	
13	CGVD06239C	110034564622	PRATAP SINGH MEENA	3717.00	3717.00	7434.00	03	2018	C	
14	CGVD06239C	110044672312	AMIT KUMAR	3717.00	3717.00	7434.00	03	2018	C	
15	CGVD06239C	110050312391	DALIP KUMAR	3717.00	3717.00	7434.00	03	2018	C	
16	CGVD06239C	110054564618	AMAN KUMAR	3717.00	3717.00	7434.00	03	2018	C	
17	CGVD06239C	110054564621	SUBHASH CHAND	3717.00	3717.00	7434.00	03	2018	C	
18	CGVD06239C	110060312432	KESHAV SHRESTHA	3707.00	3707.00	7414.00	03	2018	C	
19	CGVD06239C	110063466103	RAHUL KUMAR	3255.00	3255.00	6510.00	03	2018	C	
20	CGVD06239C	110066703366	UPMA GARG	3948.00	3948.00	7896.00	03	2018	C	

Confirm and Upload SCF File to NSDL

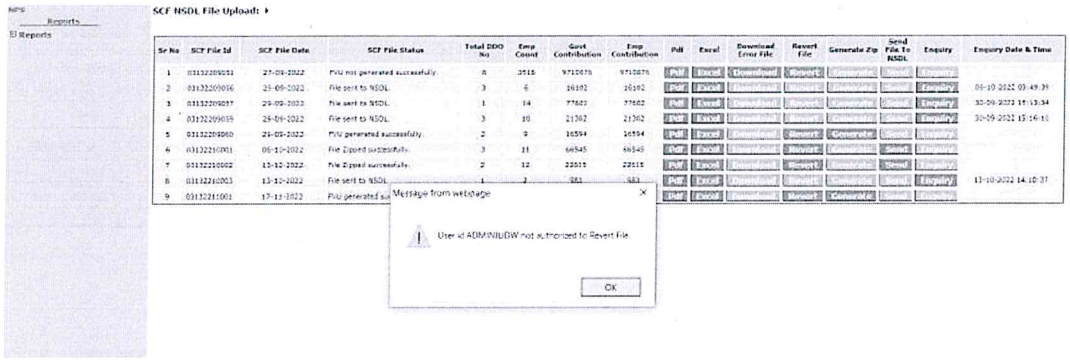
Introduction:

This form is used to generate .pao and .sig file. It is also used to send file to NSDL and enquire status of file.

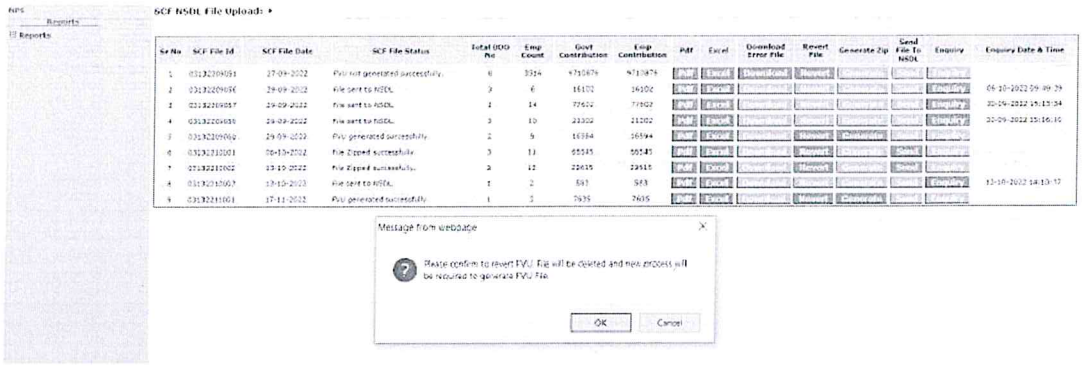


:: Working Process::

- By clicking on link "**Confirm and Upload SCF File to NSDL**",SCF file Id's will display on screen with their respective status.
  Table: PRTRSCF, PRTRSCFCTRL
- User can generate detail report in pdf and excel format by clicking on "Pdf" and "Excel" image button respectively.
- If FVU file not generated successfully then user can download error file by clicking on "Download" image button.
- User can revert file by clicking on revert button.
  Note: once file sent to NSDL, user can can't revert file.
  Note: only authorized user can revert the file. Link to authorise user is ""



Revert Process:



- Click on revert button to revert the FVU file. Revert of file will delete the file and new process will be required to generate FVU file.

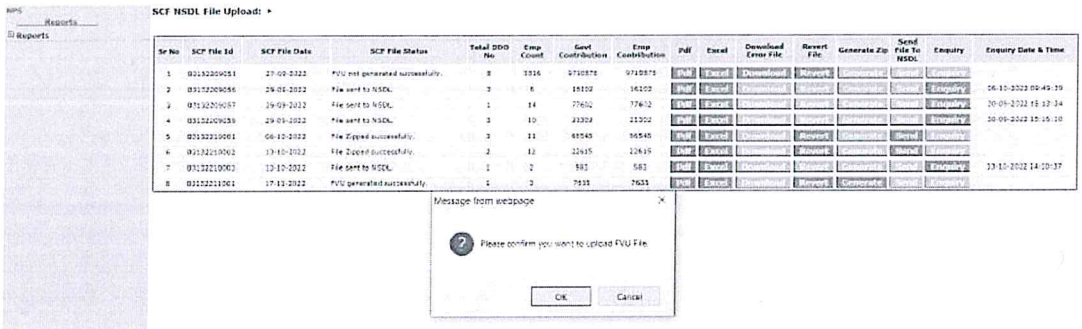
  Backend Process

  - **Table:** PRTRSCFCTRL, PRTRSCF
  - `update prtrscfctrl and set STATUS='R' for specified SCF File Id.`
  - `update prtrscf and set scf_fileid='' for specified SCF File Id.`

❖ *Note: only authorized user can revert the file. Link to authorise user is ""*

Generate Zip:

- Click on Generate Zip button to generate .pao file and .sig file.



:: Working Process::

- User can generate zip by clicking on Generate button.

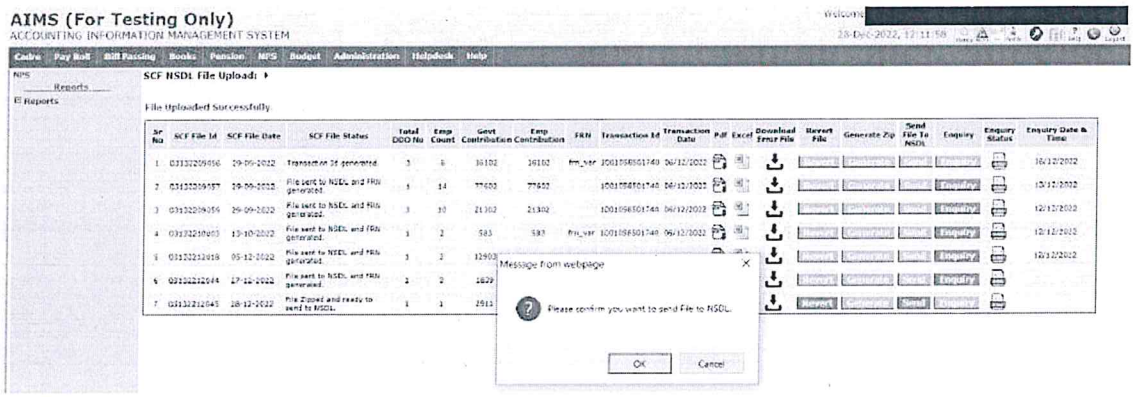
Note: Send button can only enable after Zip file generate successfully.

Generate Zip Backend Process

- Get `PKIKEY_SIG and KEY_SRNO from ACUSERPKIREGMSTSCF for specified au, emp userid and pao_id.`
- `For PKIKEY_SIG generate .sig file using function : writeByteArraysToFile(filepath, GetBytes(key_pki_signature));`
- `Generate .pao file from .fvu file.`
- `Generate .zip file contains .poa file and .fvu file.`
- `update prtrscfctrl with status='U'`

❖ *Note: only authorized user can revert the file. Link to authorise user is “”*

Send File To NSDL:



:: Working Process::

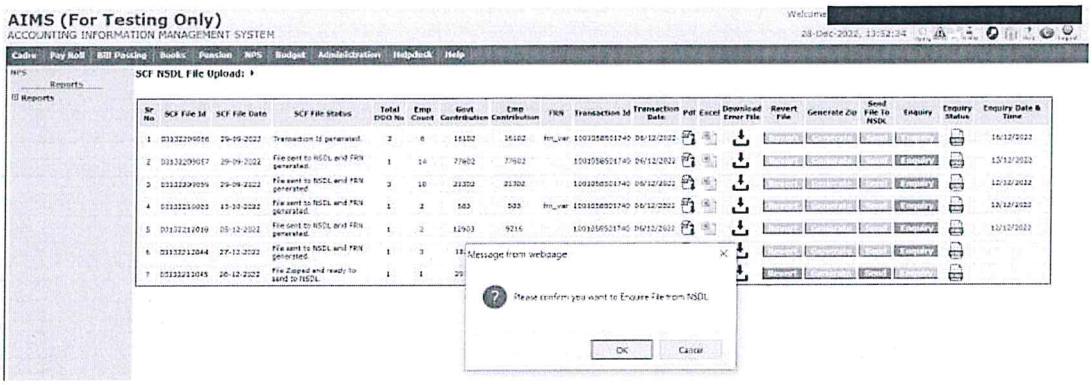
- Click on send button to send the file to NSDL.

❖ **Send File to NSDL Backend Process**

- File send to NSDL via web service.
- update received remarks in prtrscfctrl
- extract frn if frn is not null then update into prtrscfctrl and SCFACTIVITYLOGS
- `if FRN (File Reference No) is null then display msg on screen FRN is null and roll back.`

Note: only authorized user can revert the file. Link to authorise user is “”

Enquiry File To NSDL:



:: Working Process::

- Click on “Enquire” button to enquire the file to NSDL.

Note: Once the file has enquired successfully all the buttons (Revert, Generate, Send, and Enquiry) will disable. User can only download PDF,Excel and Enquiry status of SCF file.

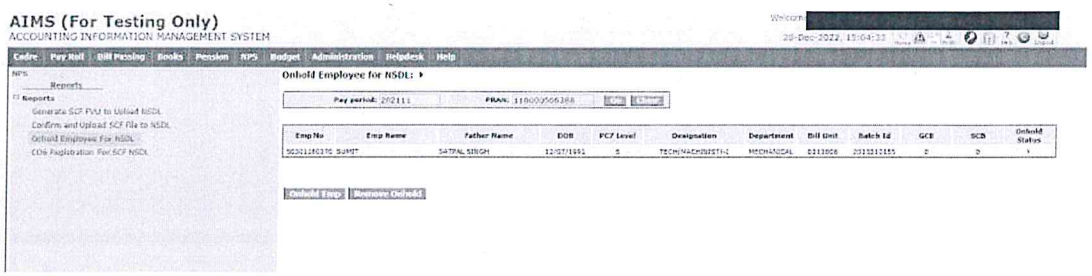
❖ **Enquiry File to NSDL Backend Process**

- File enquired to NSDL via web service.
- update prtrscfctrl
- extract transaction id and transaction date. if transaction id is not null then update into prtrscfctrl and SCFACTIVITYLOGS
- if transaction id is null then status will remain same.

Note: only authorized user can revert the file. Link to authorise user is ""

On hold Employee

Introduction: This screen will be used to hold and unhold employee.



:: Working Process::

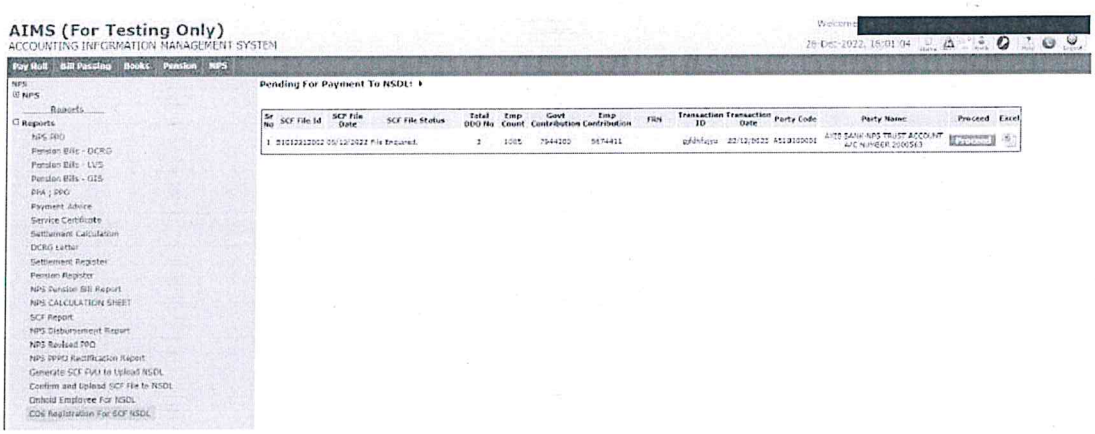
- Enter payperiod and PRAN, click on Go button.
- Employee detail will display with its onhold status. If employee is on hold then status will be "Y" else it will be blank.
- User can hold and unhold employee using Onhold Emp and Remove Onhold button respectively.

❖ *Note: if particular employee belongs to abstract whose scf file id is generated in that case employee can't put onhold. To put employee on hold user have to revert SCF file id and then put employee on hold.*

❖ *This activity can be done by the user who is authorized to Upload NSDL SCF file.*

CO6 Registration for NSDL

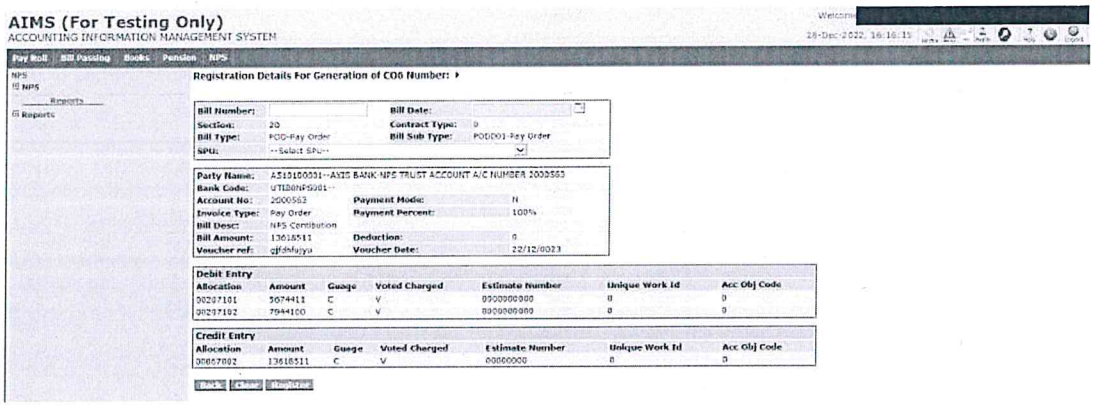
Introduction: This form is used to generate CO6 number for SCF file ID which is pending for payment.



:: Working Process::

- SCF file id whose CO6 number has not generated will display on screen.
- Click on Proceed button. It will take user to new screen which shows registration details for generation of CO6 number.

Note: Only authorised users Levev 1 of NPS Section("20") for the AU, can generate CO6 number.

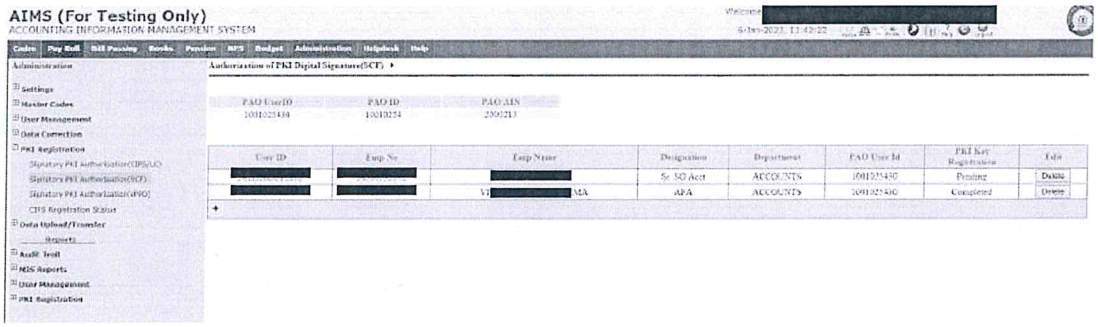


- Enter bill number. Select Bill date and SPU. Bill date should be less than the current date.
- Click on register to generate CO6 number.
- Back button takes to the parent page.
- Clear button refresh the page.

PKI Registration

Introduction: This screen is used to register employee who can revert, generate, send and enquire FVU file to NSDL.

Note: Only admin's can add and delete user Id for PKI Key registration.



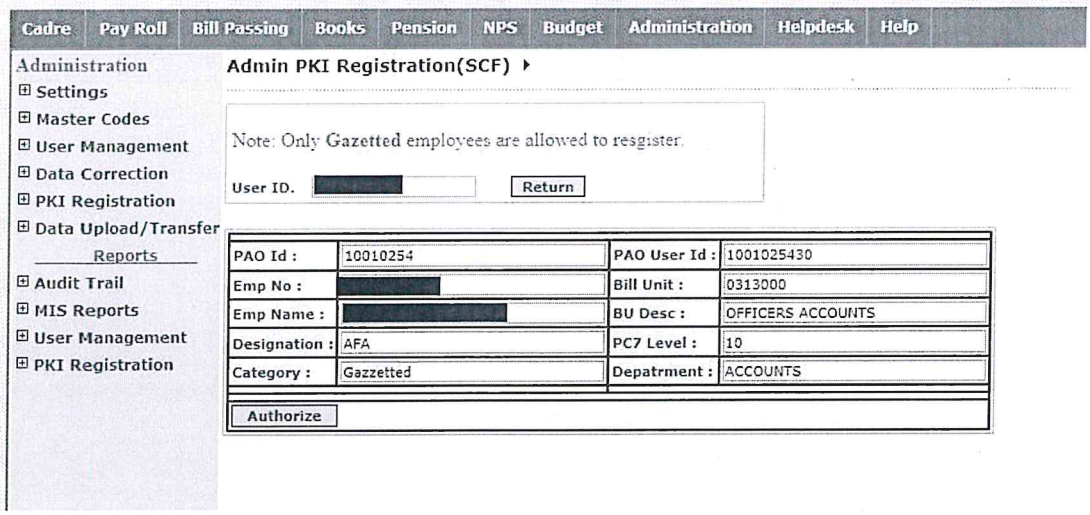
:: Working Process::

- Admin can add user Id by clicking on [+] button. New screen will display.

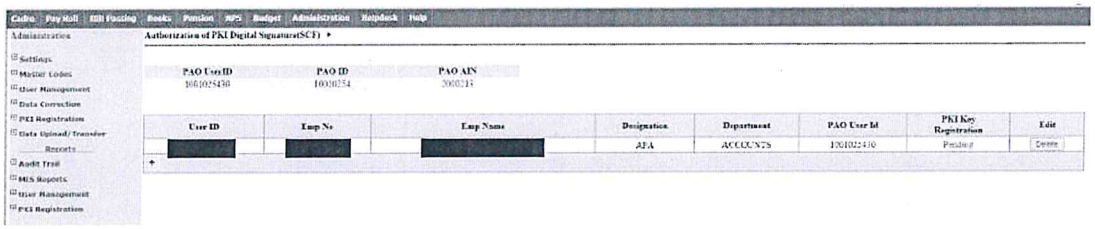


- "Return" button take the user to previous screen.
- Enter user ID that need to register and press "GO" button. Screen with employee details will display.

Note: Only gazetted employees are allowed to register.



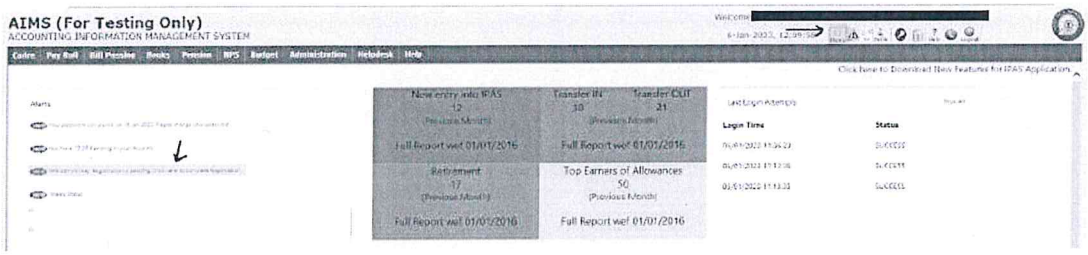
- Click on "Authorize" button to Authorize employee for PKI Registration.



- User can see the list of user Id's which is authorized for PKI registration.

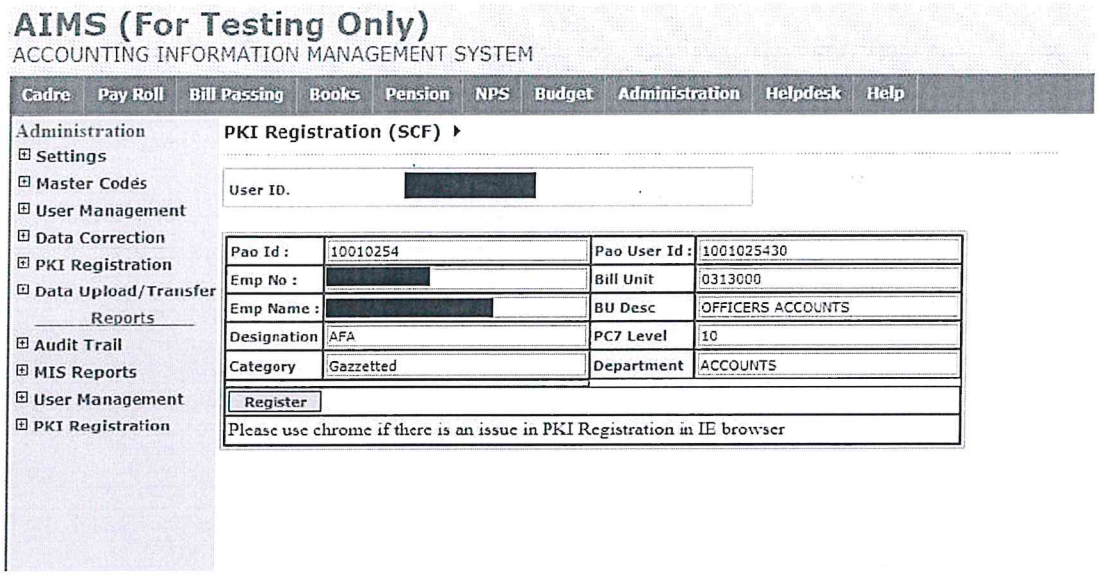
Note: "Pending" word in the column "PKI Key Registration" indicates, that particular user id is authorized to register PKI but registration is not completed.

- To complete the PKI registration process, authorized user ID has to go to the home screen by clicking on "Home" button and then click on link "NPS SCF PKI Key Registration is pending, Click here to complete Registration ." under Alerts section.

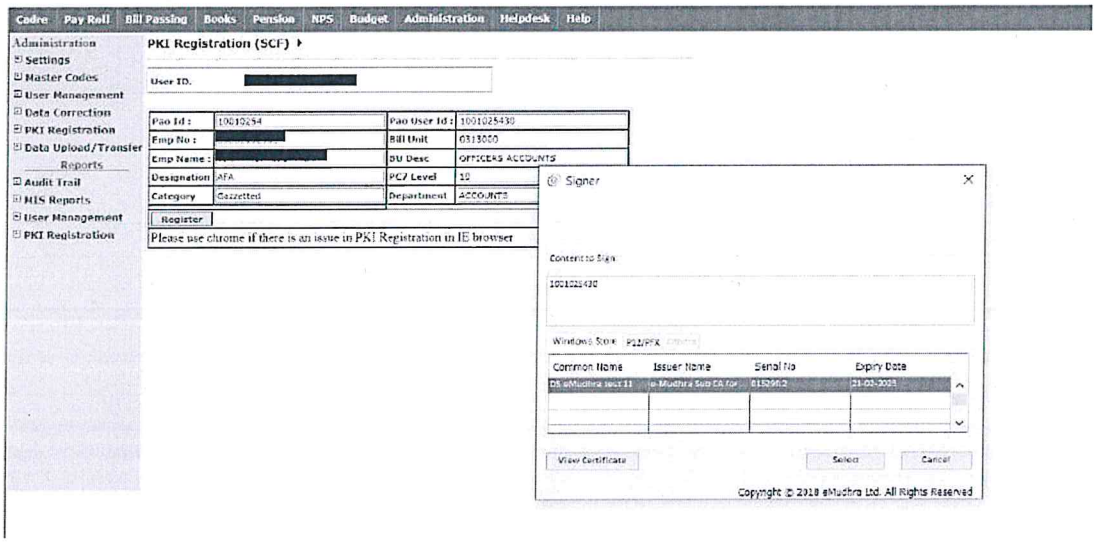


- User can verify its details and click on Register button.

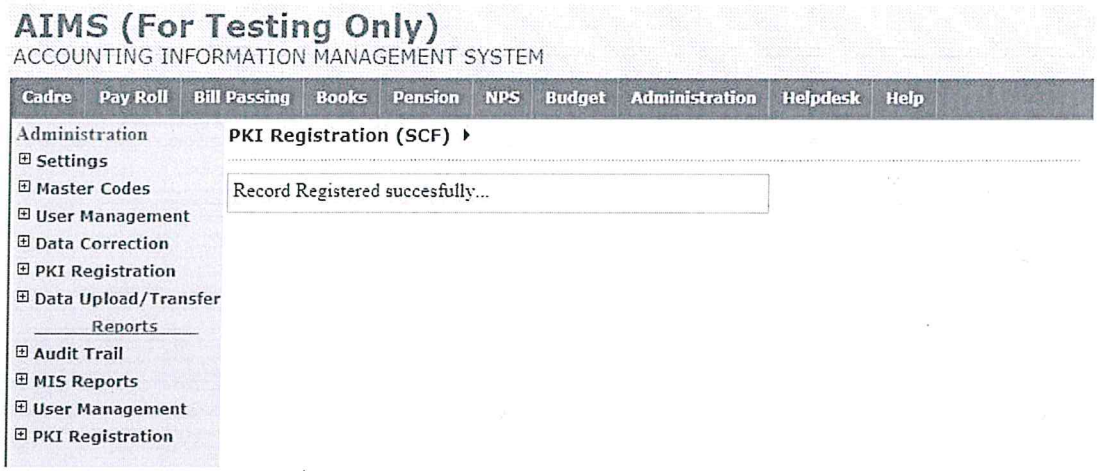
Note: Signer should be active before clicking on Register button



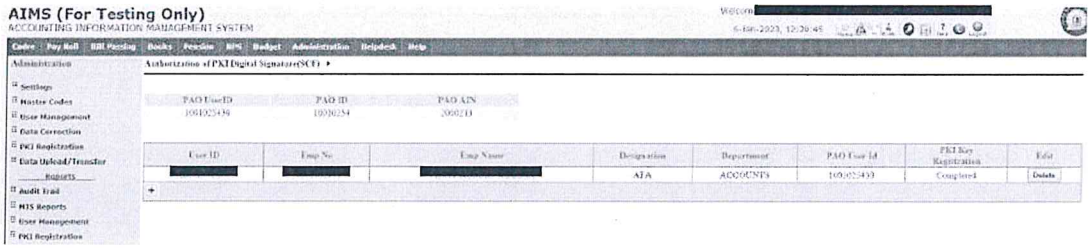
- "Signer" window will appear on screen. User has to select its signer and click on select button to complete the registration process.



- If Record register successfully user see the success message on screen else error message.



- Status of "PKI Key Registration" will changed from "Pending" to "Complete" which indicates that particular user Id is registered successfully.



- Admin can delete any user Id by clicking on "Delete" button.