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राष्ट्रीय आयुर्विज्ञान आयोग  
National Medical Commission  
(Office of Director)

F.No. D-130024/07(1)/2022/NMC/DMMP/029526

Date: 12<sup>th</sup> Aug, 2022

To,

The Directors/Principal/Deans  
All the Govt. /Private Medical Colleges/  
Medical Colleges of Deemed Universities  
All States & UTs

**Sub: Implementation of NIC Aadhaar Enabled Biometric Attendance System (AEBAS),  
Hospital Management System (HMS) in all medical colleges and Connecting CCTV  
feed to Command and Controls Center at NMC.**

Dear Madam/Sir,

I am directed to refer NMC letter no. D-130024/07/2022/NMC/DMMP/028293 dated 01<sup>st</sup> August, 2022 on the subject mentioned above. In further continuation, please find below additional information related to AEBAS and HMS implementation in all Medical Colleges & Hospitals (MCHs) and sharing of patients registration data with NMC's command and control room for smooth implementation:-

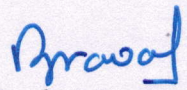
- i) Detailed guidelines for API integration of Patient Registration Module of your MCH's Hospital management information system with NMC Dashboard at **Annexure-1.**
- ii) Further Additional information regarding implementation of NIC solution for Aadhaar Enabled Biometric Attendance System (AEBAS) for Medical Colleges under NMC at **Annexure-2.**
- iii) Please note that correct URL for getting ABDM Health Facility ID is <https://facility.abdm.gov.in/>.
- iv) User manual for health facility Configuration, OPD registration and OPD Configuration for onboarding into patient registration module of e-hospital for the willing MCHs only at **Annexure-3.**
- v) This issues for your kind information and urgent necessary action in the matter.

vi) For above purpose, the attached **Google form** (<https://bit.ly/3SIjYyS>) to be filled by 12 PM on 15 Aug, 2022 without fail.

2. Please treat this as most **IMPORTANT** and **URGENT**.
3. This Issues with the approval of Secretary, NMC.

Yours Sincerely,

Encl: As above.

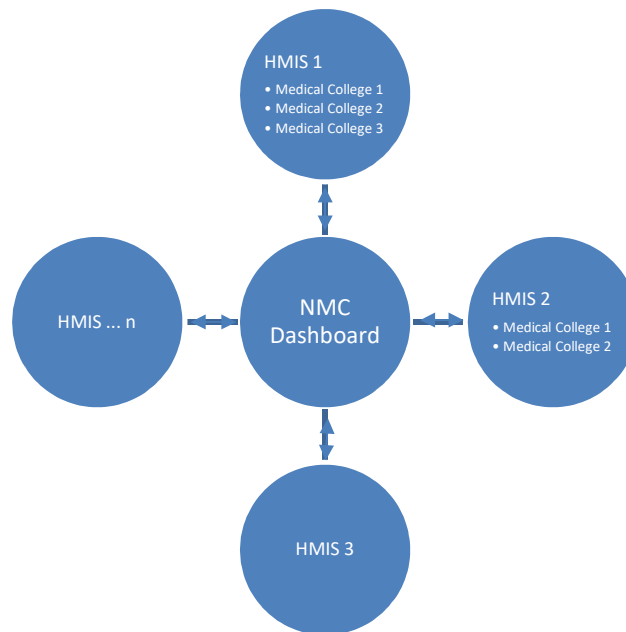
  
(Pankaj Agrawal)  
Director

Copy forwarded for necessary information and action to:

1. The ACS/Principal Secretaries/Secretaries, Deptt. Of Medical Education of all States/UTs
2. DME of all States/UTs
3. PPS to Hon'ble Chairman, NMC

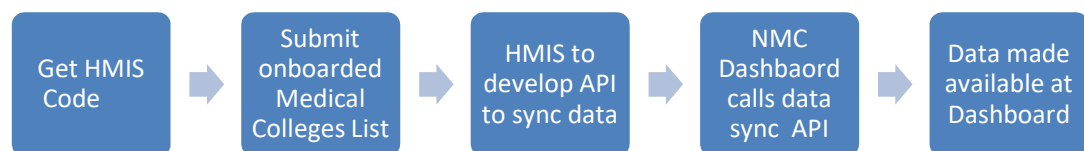
## Hospital Management Information System (HMIS) Integration with NMC Dashboard

NMC Dashboard will provide a consolidated picture of all Medical Colleges. Medical Colleges may be using different HMIS applications. The objective of NMC Dashboard is to provide a seamless and unified view of OPD and IPD transactions happening in medical colleges. Patient Level data will be sent from each HMIS application for OPD and IPD initially. Data for other modules like Lab, OT, etc. will be added later on.



### NMC Dashboard will pull and sync data from multiple HMIS Applications

To enable the viewing of data on NMC Dashboard, Multiple HMIS applications need to integrate with dashboard by submitting basic details and getting HMIS ID. The list of NMC Medical Colleges using the HMIS should be submitted in prescribed format so that they may be displayed at dashboard. The details include the API endpoint that will be exposed by HMIS to share the data with dashboard. NMC Dashboard will use this API to sync data, consolidate it and display at Dashboard.



### NMC Dashboard Integration Process

## Medical College - HMIS and NMC Dashboard Integration Steps

1. To get ABDM Health Facility ID, visit <https://facility.abdm.gov.in/> and follow the instructions. In case of any issue, please contact Shri Ashish Agnihotri of NHA/ABDM; Mobile: +91-8800328879.

2. Every HMIS has been given a unique code, like

HMIS CODE	HMIS NAME
001	eHospital
002	NextGen eHospital
003	e-Sushrut

To get code for your HMIS, please send mail to [vaibhav.khokhar@nic.in](mailto:vaibhav.khokhar@nic.in)

3. The details of HMIS being used in Medical College should be sent on mail to [vaibhav.khokhar@nic.in](mailto:vaibhav.khokhar@nic.in) in the following format:

MEDICAL COLLEGE NAME	ABDM HEALTH FACILITY ID	HMIS HEALTH FACILITY ID	HMIS CODE	HMIS NAME	STATE LGD CODE	STATE LGD NAME	DISTRICT LGD CODE	DISTRICT LGD NAME

All location codes like state and district should be LGD compliant. To get the LGD code for state and district, please visit <https://lgdirectory.gov.in/>

4. Frequency of data exchange will be hourly/6 hourly/ 12 hourly etc. NMC Dashboard will pull data from API Endpoint provided by Medical College. The API to provide data will be developed by Medical College through HMIS developer.
5. To open the port for data exchange in secure manner, please provide following details:
  - a. API endpoint
  - b. Public IP (if hosted outside NICNET) / Private IP (if hosted within NICNET)
  - c. Port
  - d. Credentials to access the API
    - i. Client id
    - ii. Client secret
    - iii. Token endpoint URL
6. De-duplication of data will be done on the bases of UHID for a given health facility id (Medical College).
7. Module Codes used:

Module Code	Module Name
01	OPD REGISTRATION
02	IPD (including Admission, Discharge, Transfer)

## API Specification for Data syncing with NMC Dashboard

API endpoint: hmis.nmc.com (API endpoint to be shared by HMIS)

**Method:** GET

**"Inputs in Request Header":**

```
"hfIdABDM": "IN0710000001", // either hfId ABDM or hfId HMIS must be sent
"hfIdHMIS": "66", // either hfId ABDM or hfId HMIS must be sent
"fromDate": "25/05/2022 00:00:00", // DD/MM/YYYY HH:MM:SS time is inclusive
"toDate": "29/05/2022 23:59:59" // DD/MM/YYYY HH:MM:SS time is inclusive
"Content-Type": "application/json"
"Authorization": "bearer: token obtained from token endpoint"
```

**"Output": {**

```
"metadata": {
```

```
"code": 200,
```

```
"message": "transaction successful",
```

```
"timestamp": "02/04/2020 19:12:15",
```

```
"version": "1.0.0"
```

```
},
```

```
"result":[
```

```
{
```

```
"from_date": "25/05/2022 00:00:00",
```

```
"to_date": "25/06/2022 23:59:59",
```

```
"hf_id_hmis": "66", // either hfId ABDM or hfId HMIS must be sent
```

```
"hf_id_abdm": "IN0710000001", // either hfId ABDM or hfId HMIS must be sent
```

```
"health_facility_name": "Andhra Hospital", // required
```

```
"module_wise_kpi": [
```

```
{
```

```
"module_code": 1,
```

```
"module_name": "OPD",
```

```
"hmis_code": "002", // required. Refer HMIS Codes listed in table above ,
```

```
"opd_count": 2, // required. Count of data returned in below listed patient details array
```

```
"patient_details": [
```

```
{
```

```
"patient_name": "Harsh Tyagi", // required
```

```
"patient_age": 32, // *required
```

```
"address": "319 B, Pocket - N, Sarita Vihar, New Delhi - 110076", // required
```

```
"patient_abha_id": "",
```

```
"patient_identification_proof": "Aadhaar Card",
```

```
"patient_identification_number": "302545687895",
```

```
"patient_mobile_number": "8945465478",
```

```
"transaction_type": 1, // (1=new, 2= Revisit, 3=Casualty), required
```

```
"uhid_number": "20220000587", // required
```

```
"department_visited_name": "", // required
```

```
"department_visited_code": "", // required
```

```
"datetime_of_transaction": "25/05/2022 05:26:45" // required
```

```
},
```

```

{
  "patient_name": "Atul Kumar", // required
  "patient_age": 20, // *required
  "address": "319 B, Pocket - N, Sarita Vihar, New Delhi - 110076", // required
  "patient_abha_id": "",
  "patient_identification_proof": "Aadhaar Card",
  "patient_identification_number": "402545687897",
  "patient_mobile_number": "9945465465",
  "transaction_type": 1, // (1=new, 2= Revisit, 3=Casualty), required
  "uhid_number" : "20220000587", // required
  "department_visited_name": "", // required
  "department_visited_code": "", // required
  "datetime_of_transaction": "25/05/2022 05:26:45" // required
}
]
},
{
  "module_code": 2,
  "module_name": "IPD",
  "hmis_code": "002", // (001- eHospital, 002 – NextGen eHospital) , required,
  "ipd_count": 1, //required. Count of data returned in below listed patient details array
  "patient_details": [
    {
      "patient_name": "Harsh Tyagi", // required
      "patient_age": 32, // required
      "address": "319 B, Pocket - N, Sarita Vihar, New Delhi - 110076", // required
      "patient_abha_id": "",
      "patient_identification_proof": "Aadhaar Card",
      "patient_identification_number": "302545687895",
      "patient_mobile_number": "8945465478",
      "transaction_type": 1, // (1=admission, 2= discharge, 3=transfer) , required
      "uhid_number" : "20220000587", // required
      "admission_number" : "45548544", // required
      "department_admitted_name": "", // required
      "department_visited_code": "", // required
      "datetime_of_transaction": "25/05/2022 05:26:45" // required
    }
  ]
}
]
}
]
}

```

**Additional information regarding to implementation of NIC solution for Aadhar Enabled Biometric Attendance System (AEBAS) for Medical Colleges under NMC**

This in continuation of NMC letter no F.no D-130024/07/2022/NMC/DMMP/028293 dated 01<sup>st</sup> Aug 2022, queries were raised from various Medical colleges in WhatsApp group formed for implantation of NMC IT projects.

1. NMC is setting up portal at <https://central.nmcindia.ac.in> for monitoring of attendance, probable date of hosting is 22nd August 2022.
2. College may start onboarding on this portal after launch of the portal.
3. Only STQC certified biometric authentication devices may be used for marking attendance in AEBAS system. List of STQC certified devices is available at [https://attendance.gov.in/faq/compatible\\_devices](https://attendance.gov.in/faq/compatible_devices) . Medical Colleges may arrange for procurement, installation and configuration of STQC certified devices directly from market by following due process of procurement. While procuring devices from any vendor Medical Colleges may procure with detailed terms and conditions to ensure smooth after sale support for at least 3 year warranty period.
4. College may use NICS I empaneled agencies attach in the letter dated 1<sup>st</sup> Aug 2022. NICS I has contracted with vendors with detailed terms and conditions to ensure compliance of 3 years warranty and after sale services. If required and deem fit, NICS I may be approached at [pi@nicsi.nic.in](mailto:pi@nicsi.nic.in) (011-22900533, 22900548) and Health-NICS I@nic.in (011- 22900508).
5. There are queries regarding using existing devices. Medical College may analyze the cost of repair/maintenance /rollout/warranty etc. in comparison to cost of procurement of new devices with 3 years warranty as per NICS I empanelment or any other sources.



# User Manual

## NextGen eHospital



## Health Facility Configuration



## DOCUMENT RELEASE NOTE:

### Health Facility Configuration

Version	1.0
Date of Release	01 June, 2022
Department	NextGen eHospital and ORS Division, NIC

## Table of Contents

1. Introduction
2. Home Page
3. Login
4. Forgot Password
5. Nodal Officer Home Page after Login
6. Health Facility Configuration
  - i. Department Unit Configuration
  - ii. Configure Units
  - iii. Configure Registration Charge and Logo
7. Register users
8. Building Configuration
  - i. Hospital Building Infrastructure

## User Manual for NextGen eHospital Configuration

1. Introduction: Nodal Officer of the Health Facility receives Login Credentials on approval of on boarding request. Nodal Officer needs to Login using the provided credentials and configure the health facility to make different modules functional. The processes to configure the health facility is as described below.
2. Visit the homepage of application. The NextGen eHospital URL is <https://nextgen.ehospital.nic.in>. Following screen will appear.



Figure 1

### 3. Login using the credentials of Nodal Officer or any other user who has roles to configure OPD Module.

- ✓ Enter Username.
- ✓ Enter Password.
- ✓ Enter the Captcha Code.
- ✓ Click on the LOGIN button.

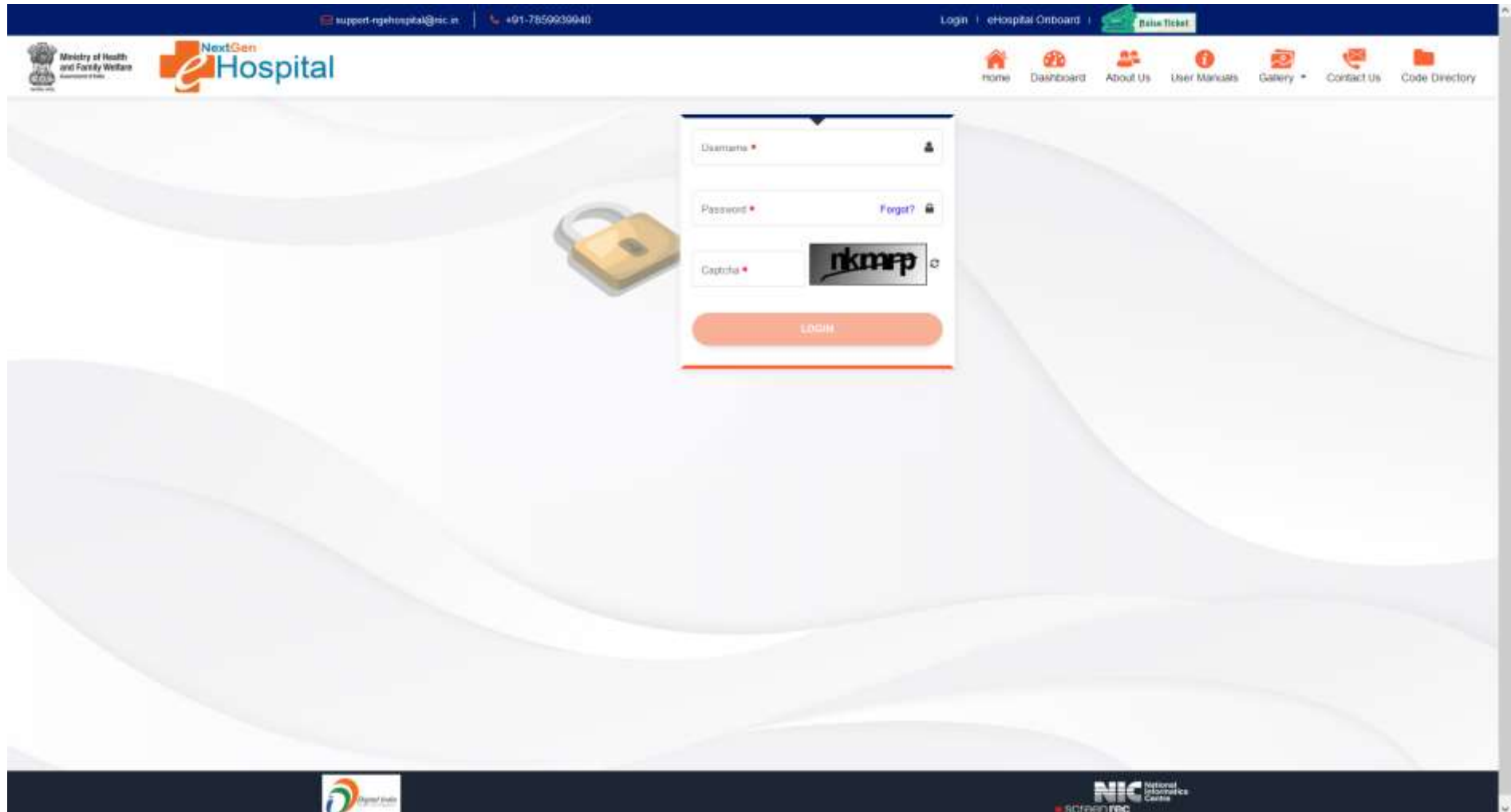


Figure 2

#### 4. User can reset the password by clicking on Forgot Password.

- ✓ Enter User id
- ✓ Click on Forgot link
- ✓ OTP Will be received on registered mobile number
- ✓ Verify OTP
- ✓ Enter new password
- ✓ Confirm new password
- ✓ Click of Set Password Button.

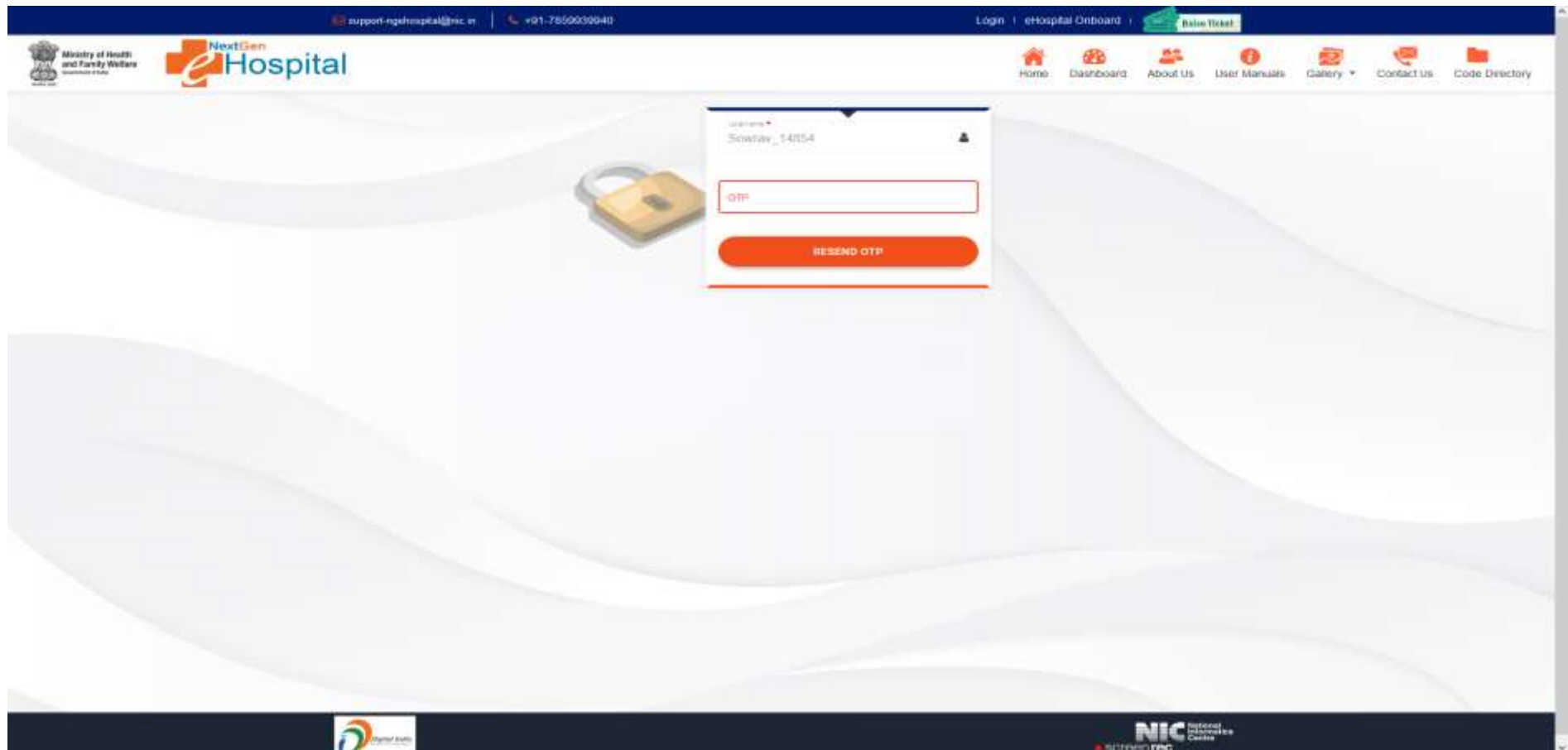


Figure 3

5. Following Screen will appear on successful login by Nodal Officer:

- ✓ Nodal Officer will see different tabs.
- ✓ Generate Health ID.
- ✓ Health Facility Configuration contains the configurations which are necessary for making any module (like OPD/IPD) functional.
- ✓ Module Specific configurations tabs will appear based on modules requested by health facility. e.g. OPD Configuration, OPD Clinic OPD Registration and Billing tab is visible as the healthfacility has selected OPD Module.

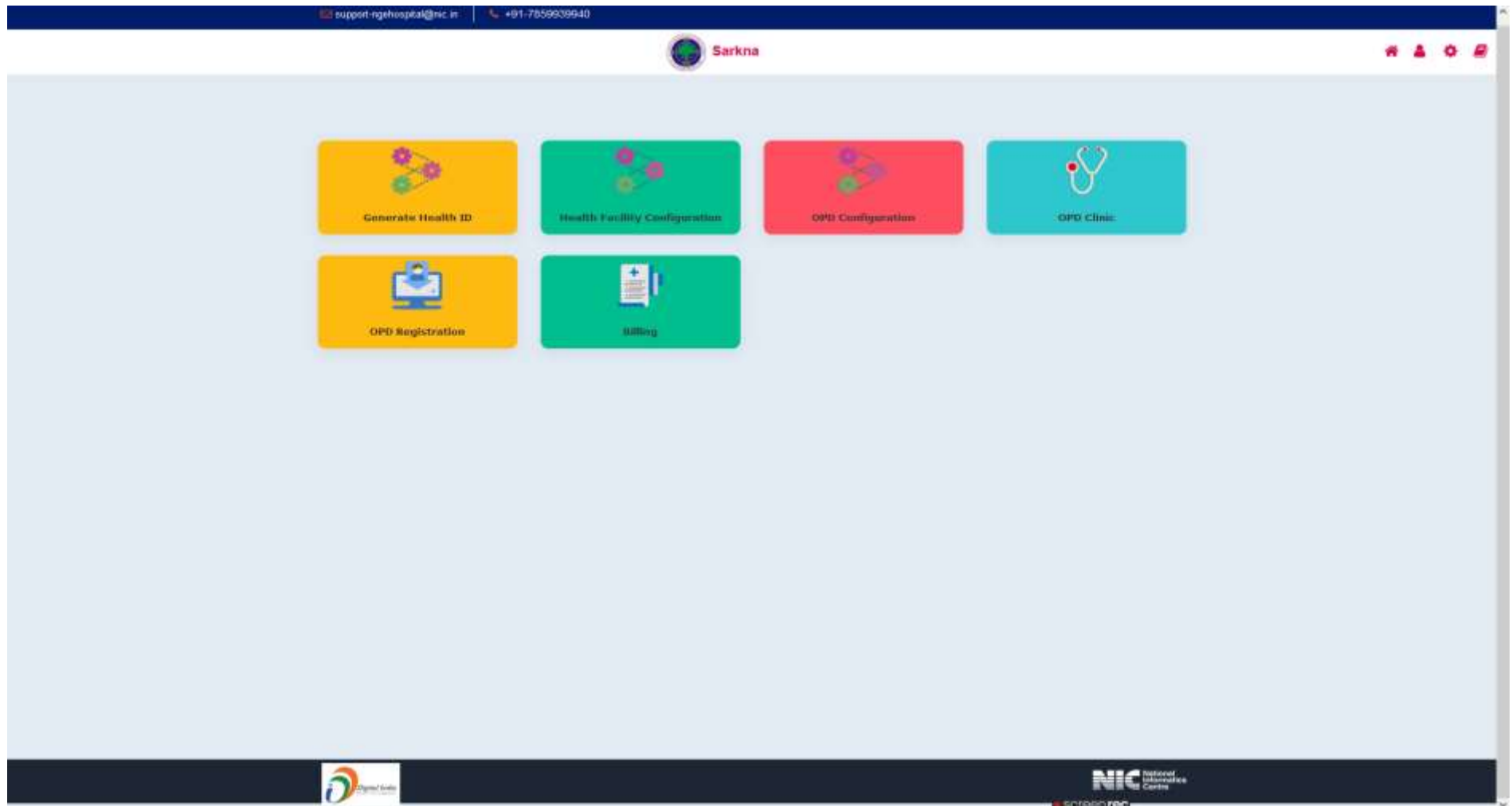
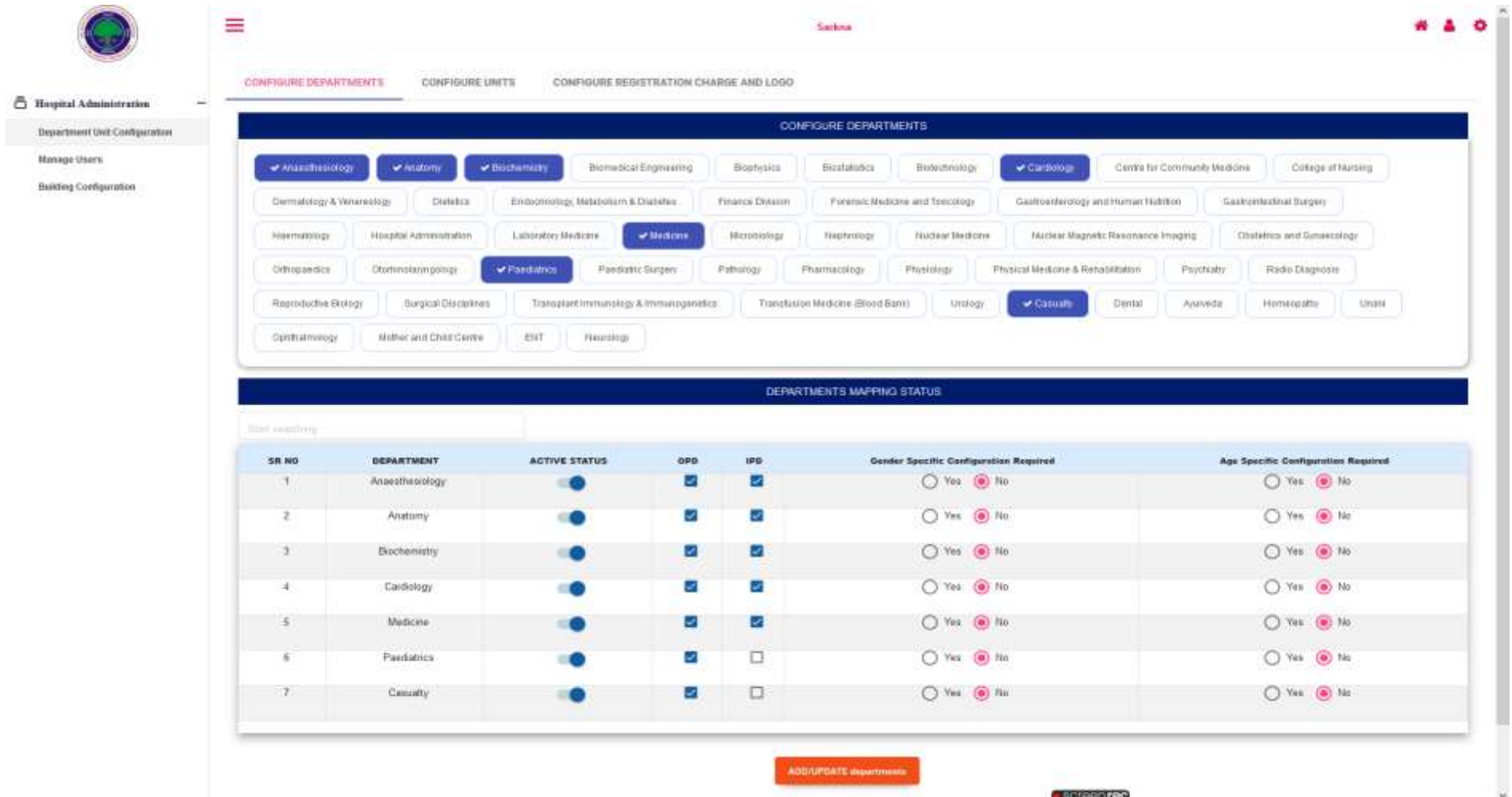


Figure 4

## 6. Health Facility Configuration

### i. Department Unit Configuration:

- ✓ Select Department Configuration Required: If health Facility has multiple Departments like Medicine, EYE, Cardiology, etc. this should be selected as Yes. If Department is not needed like in small health facilities/clinics, then the option should be selected as No.
- ✓ Select Unit Configuration Required: If Departments function in different Units like in super specialty hospitals, then this option should be set as Yes. Otherwise set as No.



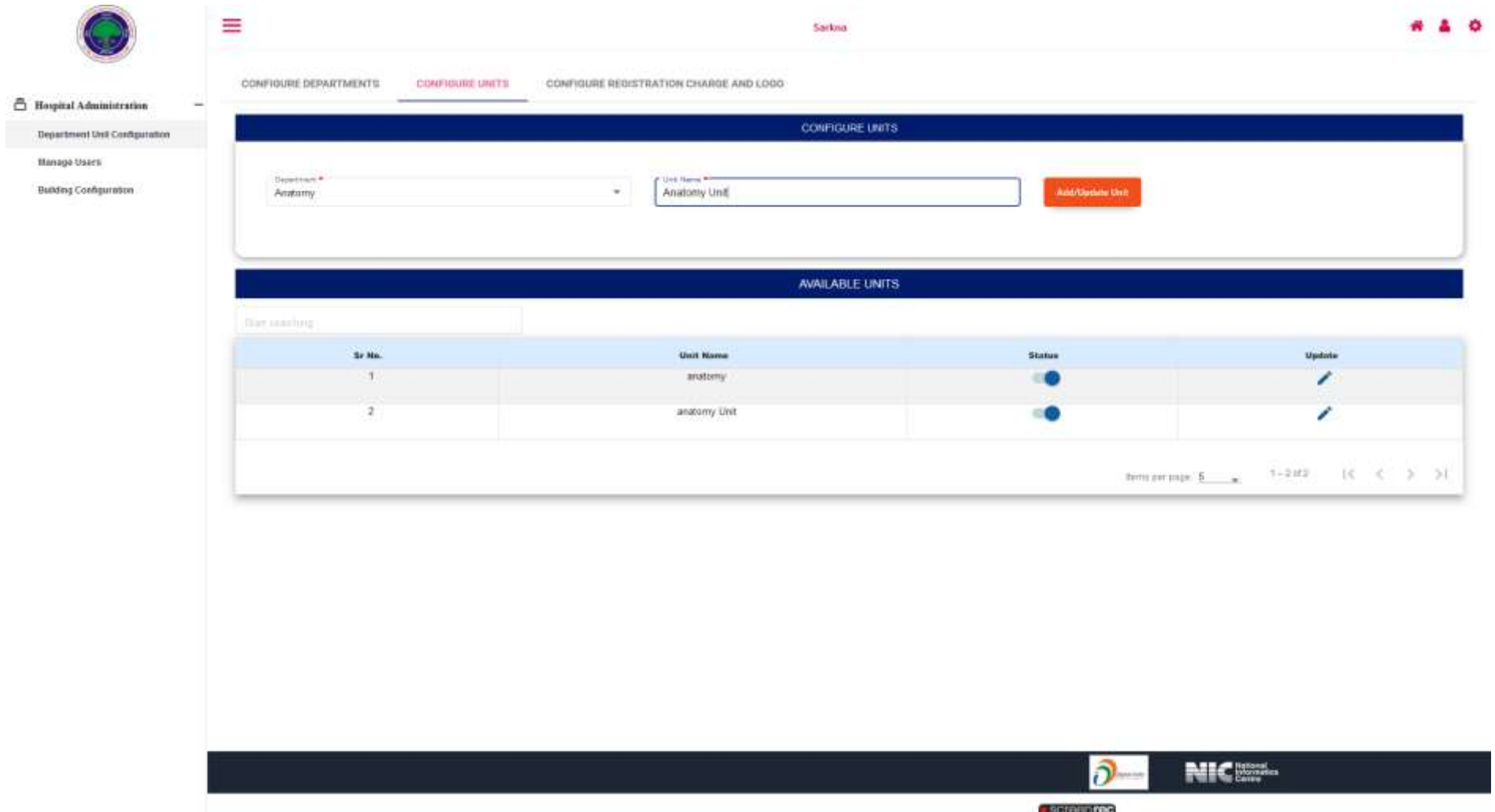
The screenshot displays the 'CONFIGURE DEPARTMENTS' section of the NextGen Hospital administration interface. It features a grid of department buttons, some of which are selected (highlighted in blue). Below this grid is a table titled 'DEPARTMENTS MAPPING STATUS' which details the configuration for several departments.

SR NO	DEPARTMENT	ACTIVE STATUS	OPD	IPD	Gender Specific Configuration Required	Age Specific Configuration Required
1	Anaesthesiology	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
2	Anatomy	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
3	Biochemistry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
4	Cardiology	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
5	Medicine	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
6	Paediatrics	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No
7	Casualty	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="radio"/> Yes <input checked="" type="radio"/> No

Figure 5

**ii. Configure Units:**

- ✓ Select Department.
- ✓ Select Unit.
- ✓ Click on the Add/Update Unit.
- ✓ Selected Departments and Units shown in available units.



Hospital Administration

- Department/Unit Configuration
- Manage Users
- Building Configuration

CONFIGURE DEPARTMENTS    **CONFIGURE UNITS**    CONFIGURE REGISTRATION CHARGE AND LOGO

**CONFIGURE UNITS**

Department: Anatomy    Unit Name: Anatomy Unit    Add/Update Unit

**AVAILABLE UNITS**

Sr No.	Unit Name	Status	Update
1	anatomy	<input checked="" type="checkbox"/>	
2	anatomy Unit	<input checked="" type="checkbox"/>	

Items per page: 5    1 - 2 of 2    < >



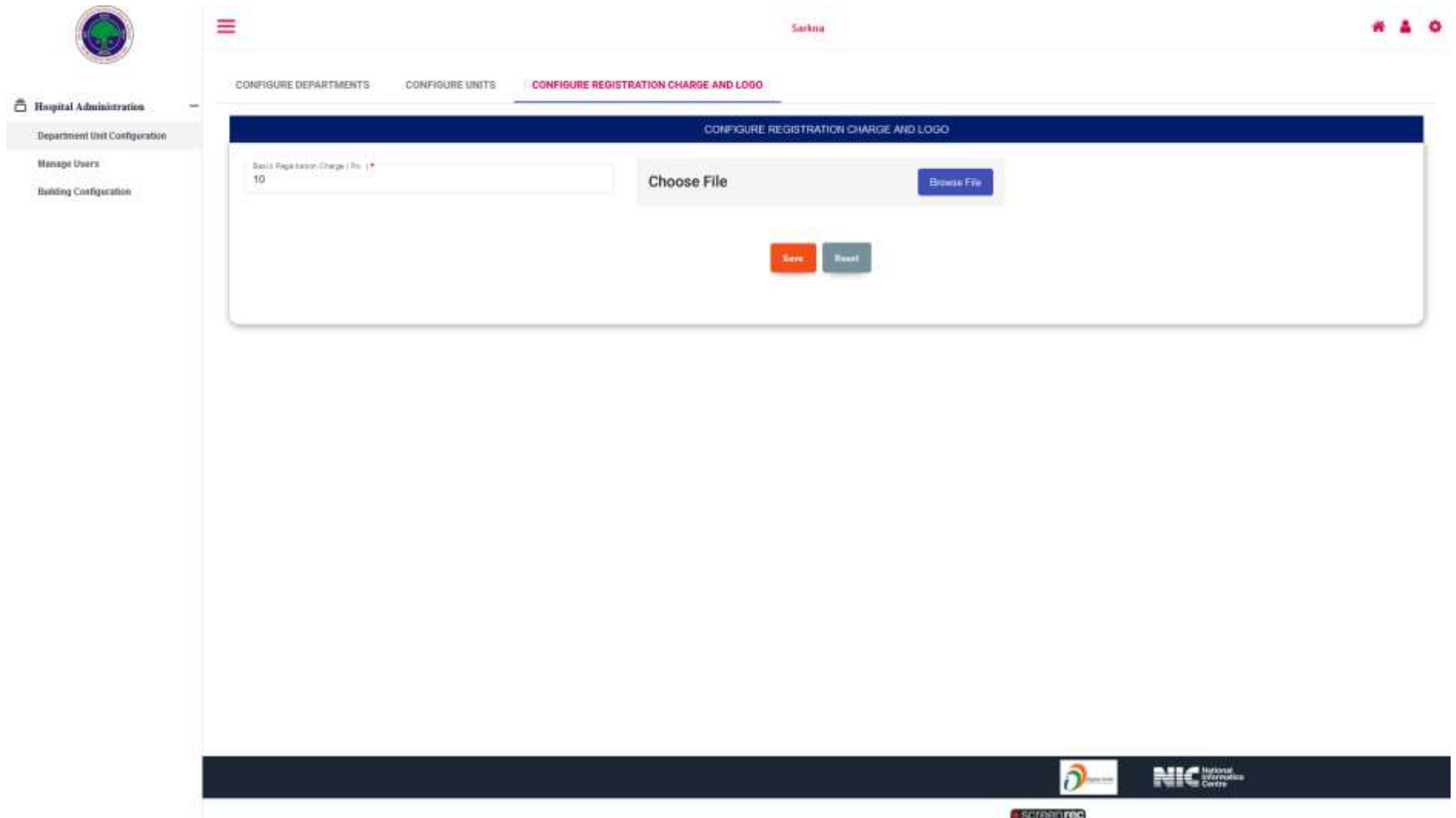



Figure 6



### iii. Configure Registration Charge and Logo:

- ✓ Select the Basic Registration Charges (Rs.).
- ✓ Choose File- Browse the health facility logo.
- ✓ Click on save button.



The screenshot shows the 'Configure Registration Charge and Logo' page in the NextGen Hospital system. The page is titled 'Sarkna' and has a navigation menu with three options: 'CONFIGURE DEPARTMENTS', 'CONFIGURE UNITS', and 'CONFIGURE REGISTRATION CHARGE AND LOGO'. The 'CONFIGURE REGISTRATION CHARGE AND LOGO' option is selected. The main content area has a blue header with the title 'CONFIGURE REGISTRATION CHARGE AND LOGO'. Below the header, there is a text input field for 'Basic Registration Charge / Rs.' with the value '10'. To the right of this field is a 'Choose File' button with a 'Browse File' sub-button. Below these elements are two buttons: 'Save' (orange) and 'Reset' (grey). The footer of the page contains logos for 'NIC National Informatics Centre' and 'screenrec'.

Figure 7

**7. Manage Users:** Nodal Officer of health facility will register users for his health facility.

- ✓ Enter Name, Gender, Date of Birth
- ✓ Select User Type: e.g. Doctor, Nurse, Registration Desk Operator, etc.
- ✓ Enter Mobile Number and Email ID.
- ✓ Select User ID (Auto Generate).
- ✓ Select Department: e.g. Biochemistry, Anatomy, Anesthesiology, etc.
- ✓ Assign Roles: the roles assigned will be visible to the user on login. So a combination of menus which need to be shown to the user should be selected.
- ✓ Correct Mobile number of the user should be provided. Password will be sent on SMS to this number. This mobile number will also be used to send OTP for resetting password.

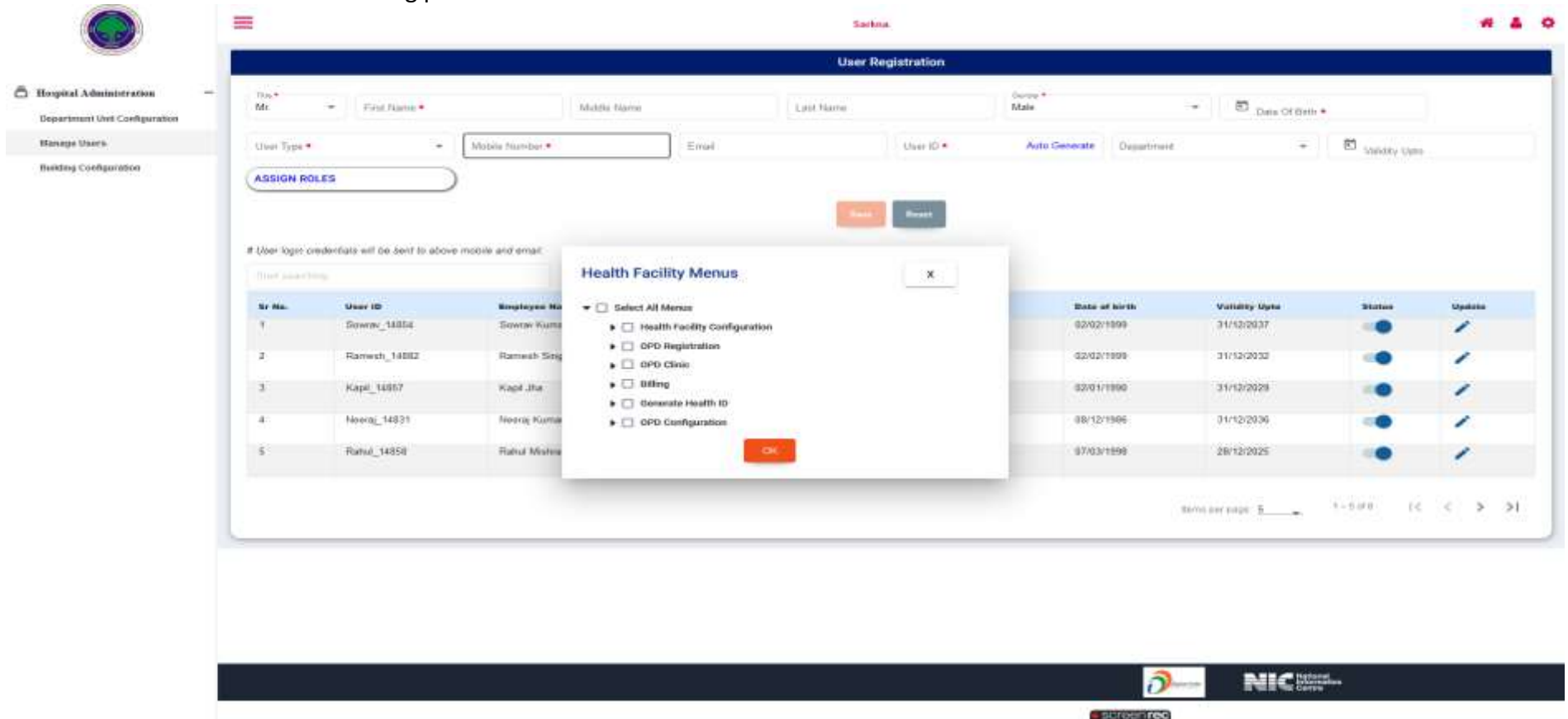


Figure 8

8. **Building Configuration** -> Hospital Building Infrastructure: This link is used to manage health facility building infrastructure. The following screen will appear:

- ✓ Nodal Officer should configure health facility building infra.
- ✓ Multiple Buildings, Blocks, Floors and Rooms can be added.
- ✓ This configuration will be used to select location. e.g. in OPD Roster, only those rooms will appear which are configured here.

**Building Type:**

- ✓ Multi Block

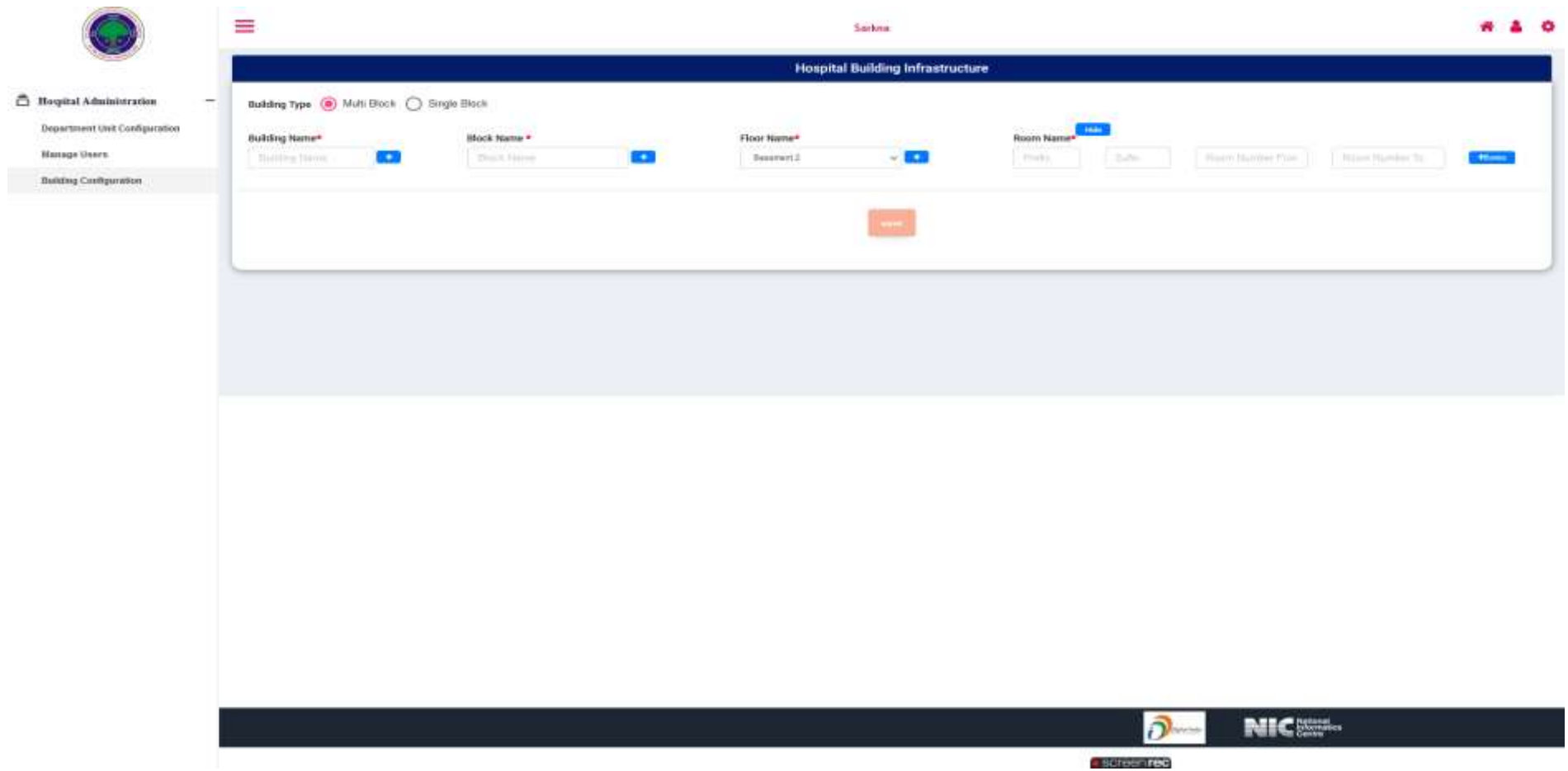


Figure 9

✓ Single Block

The screenshot displays the 'Hospital Building Infrastructure' configuration interface. At the top, the user 'Sarkna' is logged in. The main heading is 'Hospital Building Infrastructure'. Below this, the 'Building Type' is set to 'Single Block' (indicated by a selected radio button). The form contains the following fields and controls:

- Building Name\***: Text input with 'Causality Building' and a '+' button.
- Floor Name\***: Dropdown menu with 'Ground Floor' and a '+' button.
- Room Name\***: Text input with 'Pharma' and a '+' button.
- Room Number From**: Text input.
- Room Number To**: Text input with a '+/Save' button.
- ORCID**: Two text input fields, each with a '+' and a '-' button.

A large orange 'Save' button is centered below the form fields. The left sidebar shows navigation options: 'Hospital Administration', 'Department Unit Configuration', 'Manage Users', and 'Building Configuration'. The footer includes logos for 'NIC National Informatics Centre' and 'screenrec'.

Figure 10

# User Manual

## NextGen eHospital

## OPD Registration

## DOCUMENT RELEASE NOTE:

### OPD Registration

Version	1.0
Date of Release	03 June, 2022
Department	NextGen eHospital and ORS Division, NIC

## Table of Contents

1. Introduction
2. Home Page
3. Login
4. Reset Password
5. Registration Desk Operator Home Page after Login
6. Patient Registration
7. Casualty/Emergency Registration
8. Update Registration
9. Patient Summary Report
10. Patient Visit Details Report
11. Daily Collection Report
12. Consolidate MIS Report
13. Duplicate Registration Slip

## User Manual for NextGen eHospital Configuration

1. Introduction: OPD Registration module is used to Register patients and view MIS Reports related to OPD Registration.
2. Visit the homepage of application. The NextGen eHospital URL is <https://nextgen.ehospital.nic.in>. Following screen will appear.

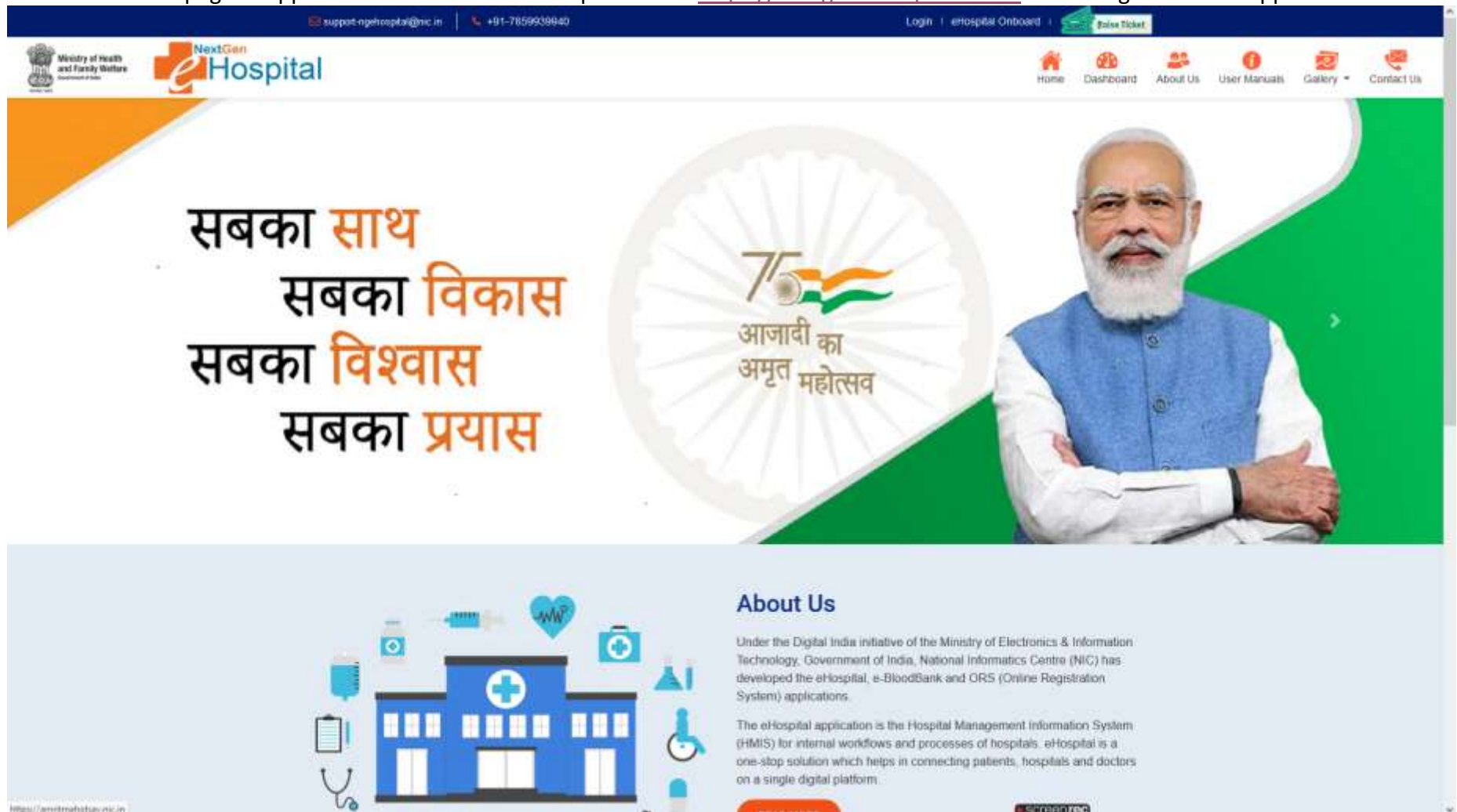
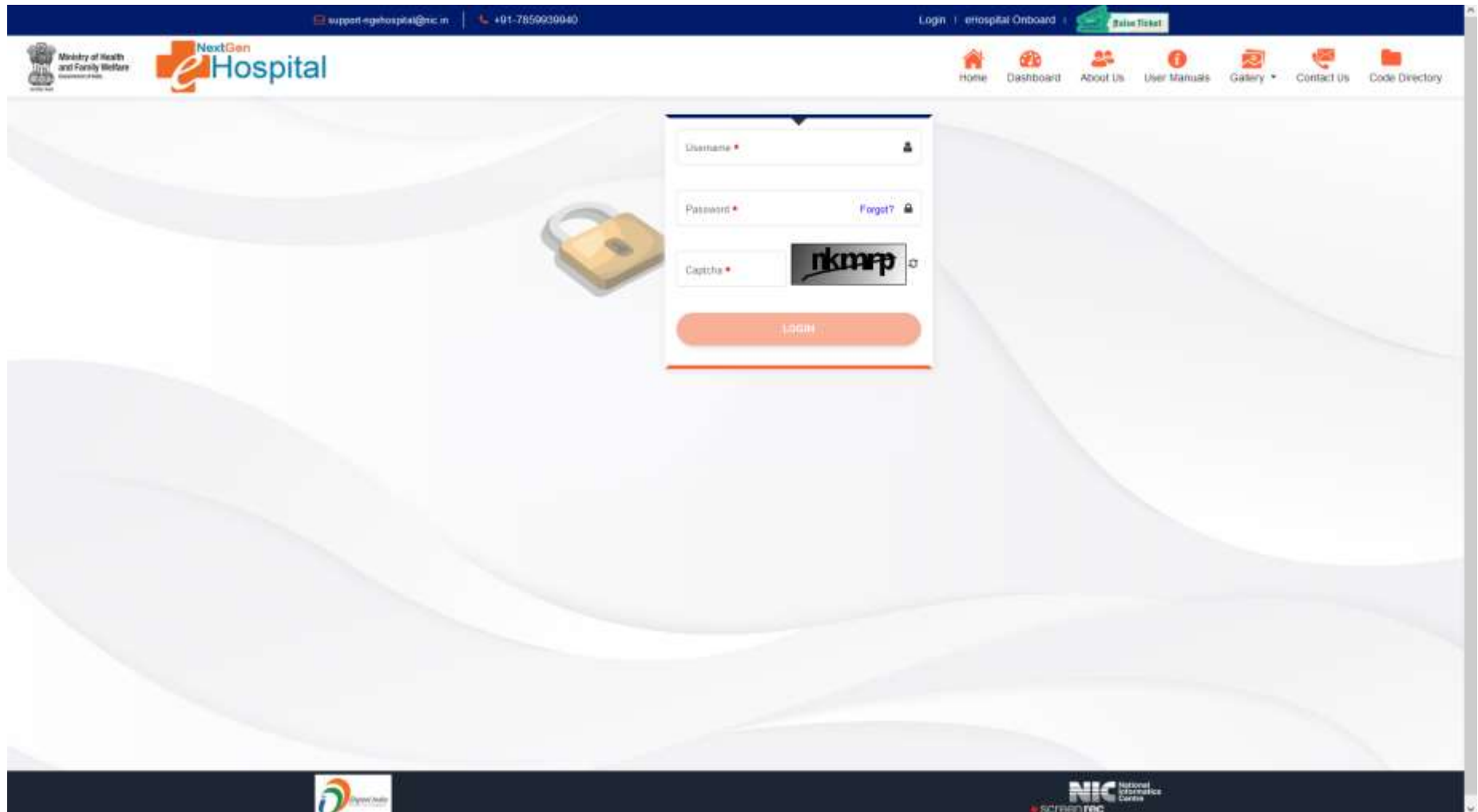


Figure 1



3. Login using the credentials of Nodal Officer or any other user who has roles to configure OPD Module.

- ✓ Enter Username.
- ✓ Enter Password.
- ✓ Enter the Captcha Code.
- ✓ Click on the LOGIN button.



The screenshot shows the login interface of the NextGen Hospital system. At the top, there is a dark blue navigation bar containing the email 'support@gehospital@nic.in', the phone number '+91-7859939940', and links for 'Login', 'ehospital Onboard', and 'Raise Ticket'. Below this, the page header includes the Ministry of Health and Family Welfare logo and the 'NextGen Hospital' branding. A navigation menu with icons for Home, Dashboard, About Us, User Manuals, Gallery, Contact Us, and Code Directory is positioned on the right. The central focus is a login form with three input fields: 'Username', 'Password' (with a 'Forgot?' link), and 'Captcha' (displaying the code 'nkmp'). An orange 'LOGIN' button is located below the form. To the left of the form is a large padlock icon. The footer contains logos for 'NIC National Informatics Centre' and 'screen REC'.

Figure 2

#### 4. User can reset the password by clicking on Forgot Password

- ✓ Enter User id
- ✓ Click on Forgot link
- ✓ OTP Will be received on registered mobile number
- ✓ Verify OTP
- ✓ Enter new password
- ✓ Confirm new password
- ✓ Click of Set Password Button.

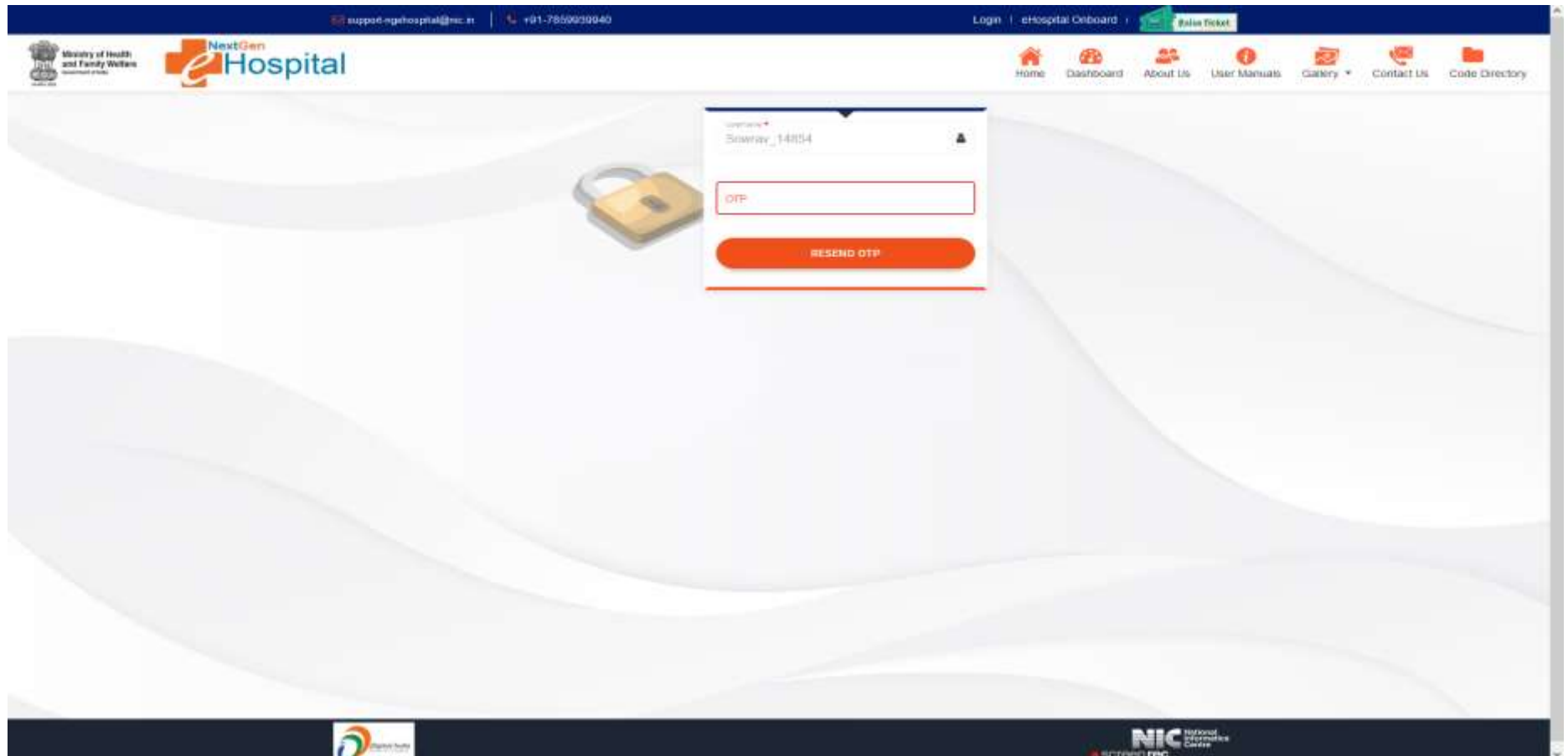


Figure 2

5. Following Screen will appear on successful login by Nodal Officer:

- ✓ Nodal Officer will see different tabs.
- ✓ Generate Health ID.
- ✓ Health Facility Configuration contains the configurations which are necessary for making any module (like OPD/IPD) functional.
- ✓ Module Specific configurations tabs will appear based on modules requested by health facility. e.g. OPD Configuration, OPD Clinic OPD Registration and Billing tab is visible as the health facility has selected OPD Module.

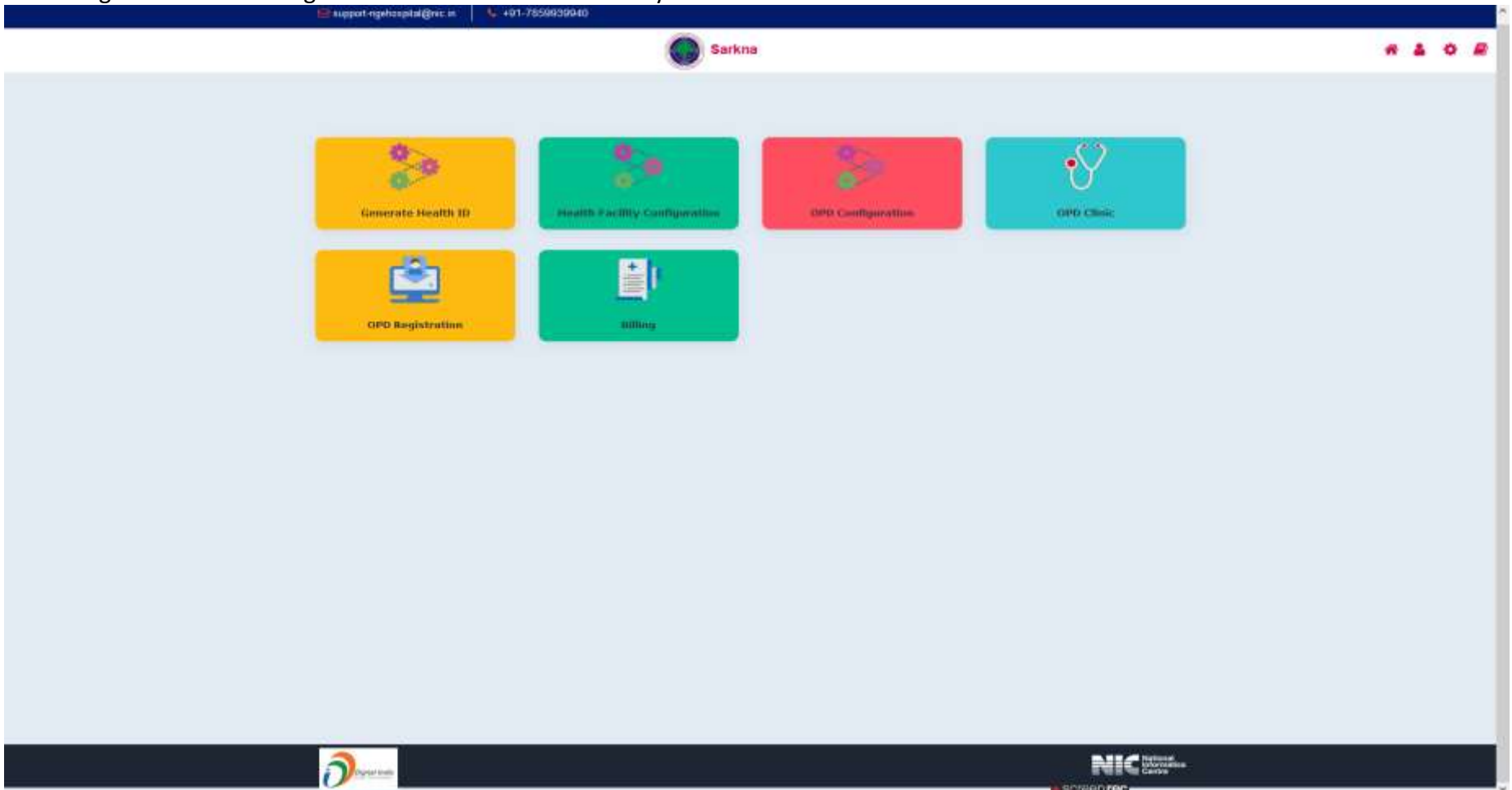


Figure 4

**6. New Registration:** Patient Registration Page will open as shown below.

- ✓ The Registration parameters configured in OPD Registration will be visible in addition to mandatory parameters.
- ✓ Parameters in Visit Details section will be as per the configuration of Registration Level in OPD Configuration. E.g. in below screen, registration level is configured as clinic.
- ✓ Click on Add Referring Patient and Fill the Details: Referring Hospital, Referring Department, Referring Date and Registration Number.
- ✓ Fill Patient Details: Insurance Scheme Name, Insurance Policy Number, Name, Gender, Date of Birth, Address, etc.
- ✓ Fill Patient Other Information: Citizenship, Religion, Occupation, Education and Yearly Income.
- ✓ Fill Covid-19 Patient Details.
- ✓ Select Patient Visit Details (Select Department/clinic/unit) where patient has to visit.
- ✓ Click on Register Button.
- ✓ Registration slip will open on successful registration.
- ✓ **In case of Follow Up Patient:** patient can be searched using Mobile Number, Patient Name or Health Facility Registration Number (generated during first visit of patient). The patient details will be auto-filled. Select Patient Visit Details and click on register button. Registration slip will be opened on successful registration.

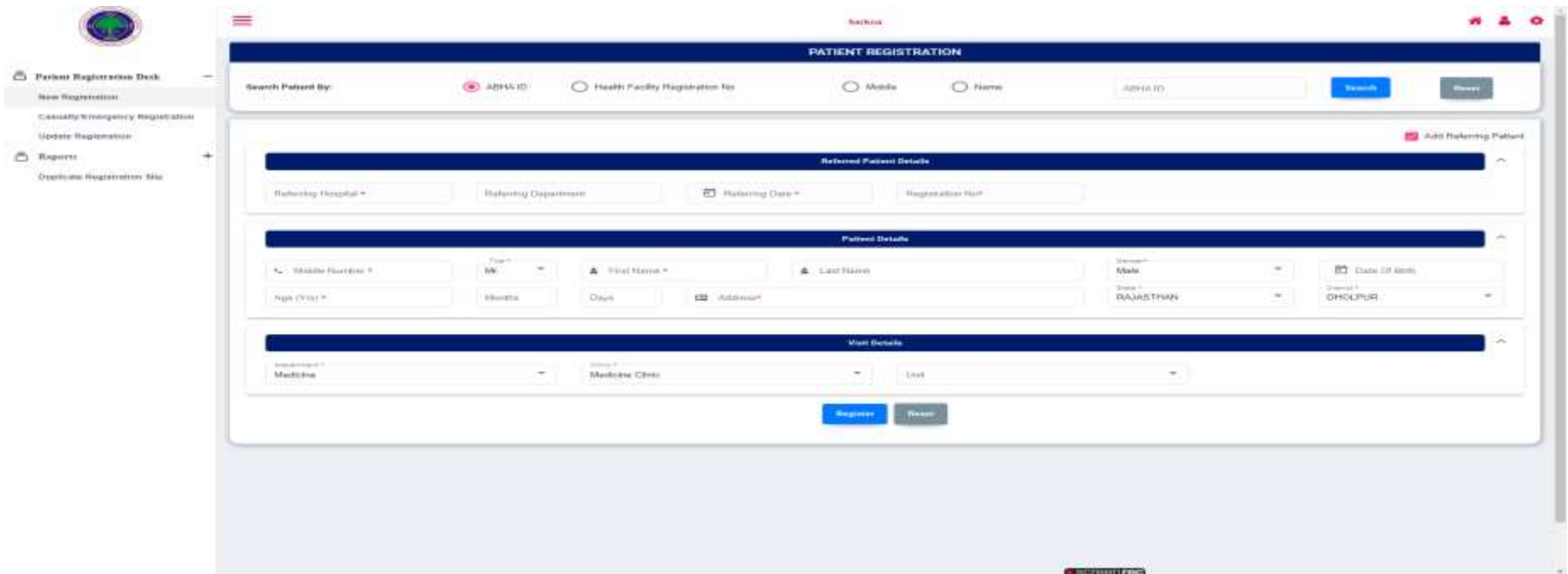


Figure 3

## 7. Casualty/Emergency Registration :

- ✓ The Registration parameters configured in OPD Registration for Casualty/Emergency Registration will be visible in addition to mandatory parameters.
- ✓ Parameters in Visit Details section will be as per the configuration of Registration Level in OPD Configuration. E.g. in below screen, registration level is configured as clinic.
- ✓ Click on Add Referring Patient and enter the details: Referring Hospital, Referring Department, Referring Date and Registration Number.
- ✓ Click on the MLC Patient and Fill the Details: Unknown Patient, Brought By, Brought By Name, Brought Dead, 1st MLC Number and Police Station.
- ✓ Fill Patient Casualty Information: Unknown Patient, Brought By, Brought By Name and Brought Dead.
- ✓ Fill Patient Details: Mobile Number, Name, DOB, Gender, etc.
- ✓ Fill the Visit Details: Department and Clinic.
- ✓ Select Patient Visit Details (Select Department and Clinic) where patient has to visit.
- ✓ Click on Register Button.
- ✓ Registration slip will open on successful registration.
- ✓ **In case of Follow Up Patient:** Patient can be searched using Mobile Number, Patient Name or Health Facility Registration Number (generated during first visit of patient). The patient details will be auto-filled. Select Patient Visit Details and click on register button. Registration slip will be opened on successful registration.

**CASUALTY PATIENT REGISTRATION**

Search Patient By:  ABHA ID  Health Facility Registration No  Mobile  Name

Add Referring Patient  MLC Patient

**Referred Patient Details**

Referring Hospital\*  Referring Department  Referring Date\*  Registration No\*

**Patient Casualty Information**

Unknown Patient: NO  Brought By:  Brought By Name:  Brought Date: NO  1st MLC Number:  Police Station:

**Patient Details**

Mobile Number\*  Title\*  First Name\*  Last Name  Gender\*  Date Of Birth

Age in Yrs\*  Months  Days  Address\*  State\* RAJASTHAN  District\* DHOLPUR

**Visit Details**

Department\* Casualty  Clinic\* Casualty Clinic

Figure 6

- 8. Update Registration:** In Update Registration user can update the details of patient by using their UHID.
- ✓ Fill the Update Patient Data: Enter the UHID.
  - ✓ Click on the Search Button.

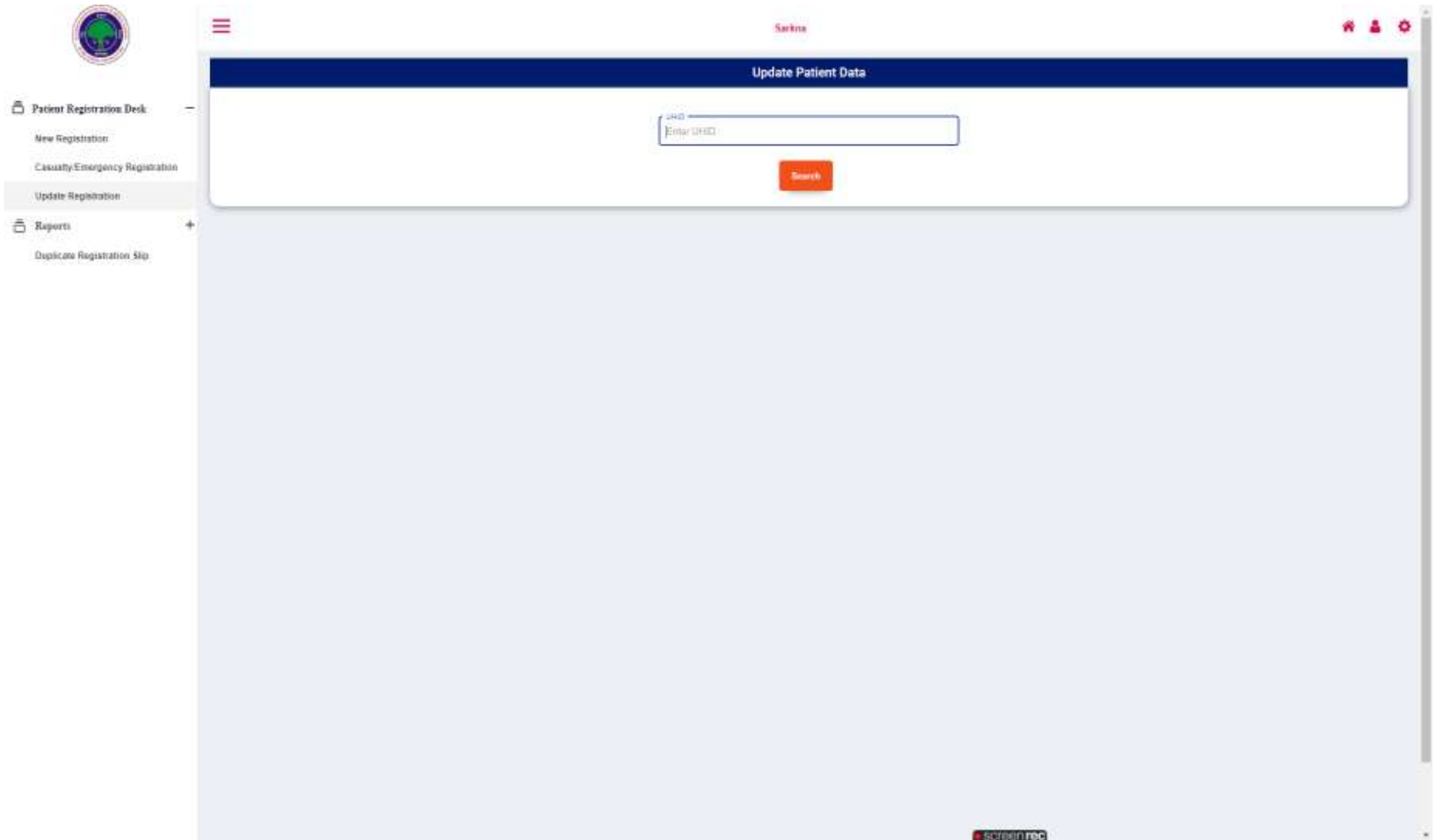


Figure 7

- ✓ Update Patient Demographic Details: Mobile Number, Name, Gender, DOB etc.
- ✓ Enter the ABHA ID AND Click on the Verify ABHA ID Button.
- ✓ Enter the OTP and then ABHA number will show in screen page.
- ✓ Click on the Update Button.

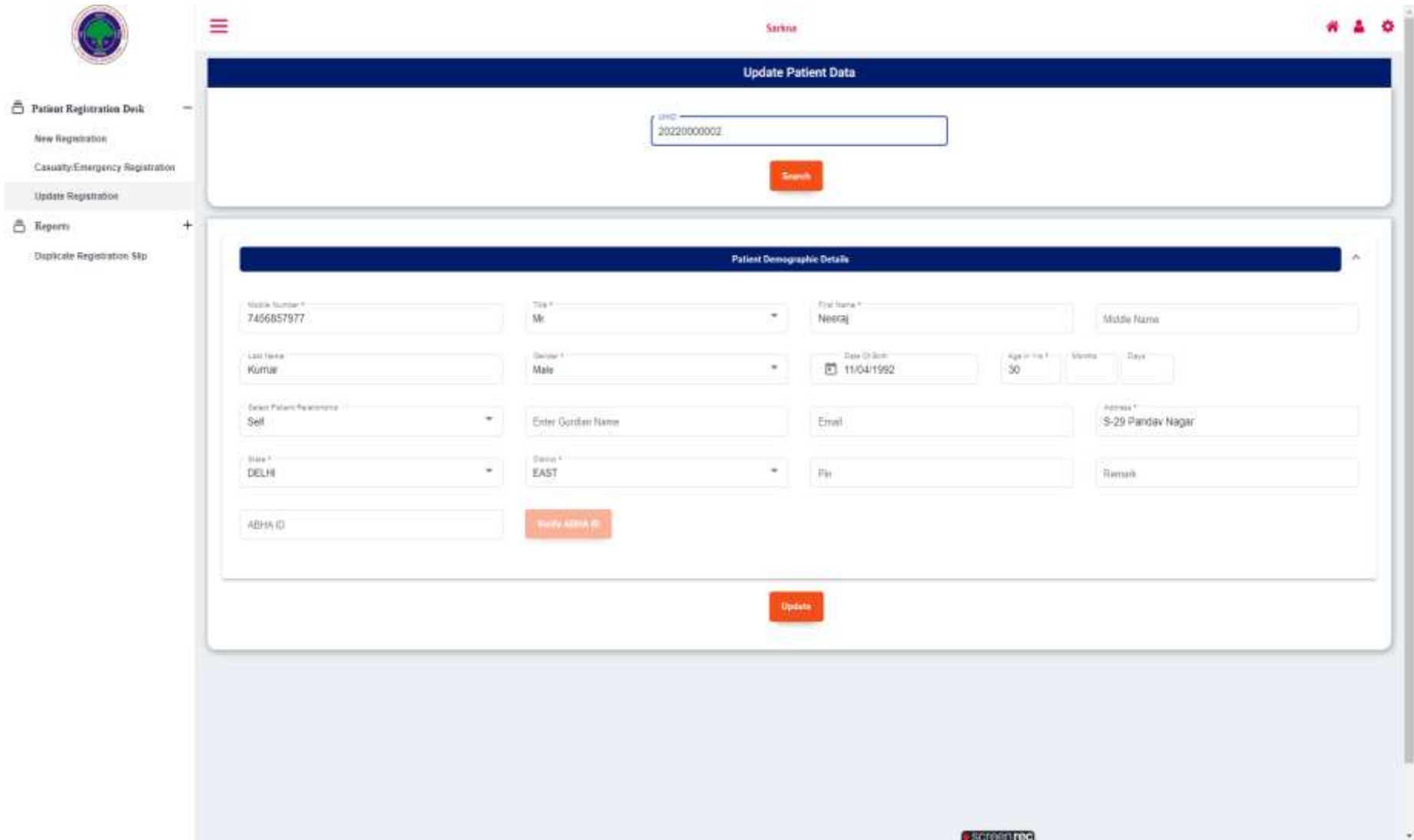


Figure 8



9. **Patient Summary Report:** This report display patient count (New and Revisit) in a particular clinic.  
✓ Click on Patient Summary Report.

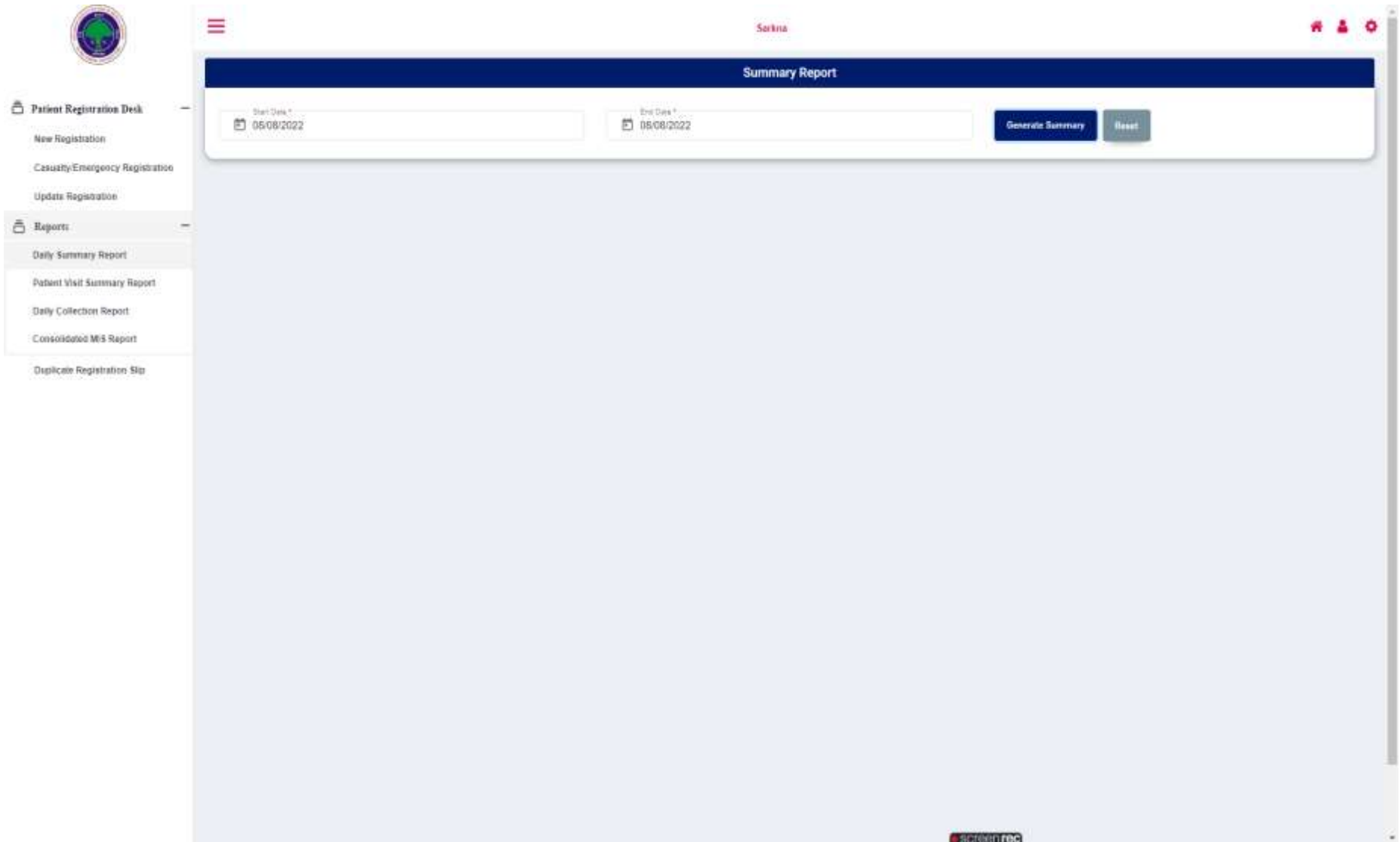
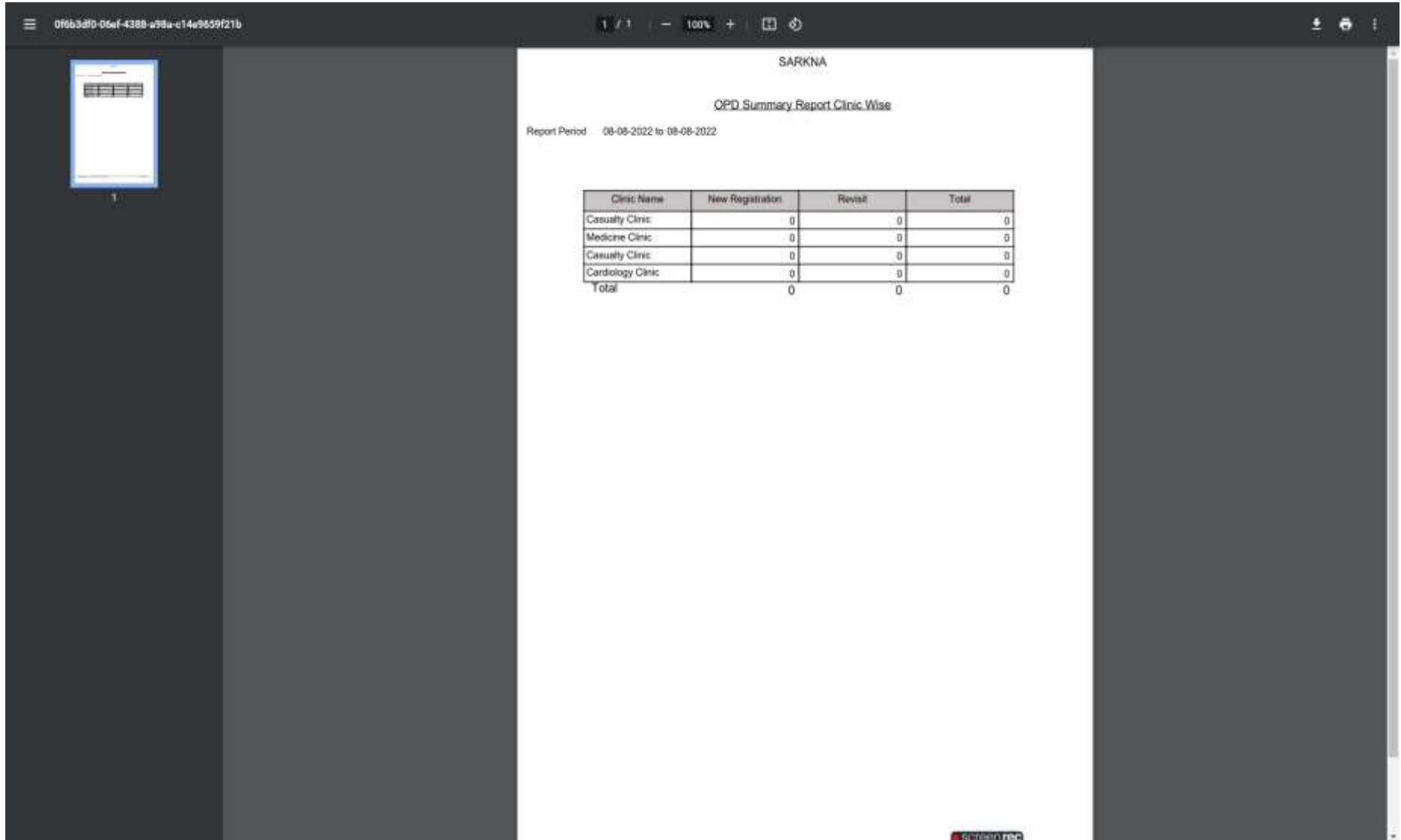


Figure 9

- ✓ Enter the Start Date and End Date.
- ✓ Click on the Generate Summary.
- ✓ Following screen will appear:



SARKNA

OPD Summary Report Clinic Wise

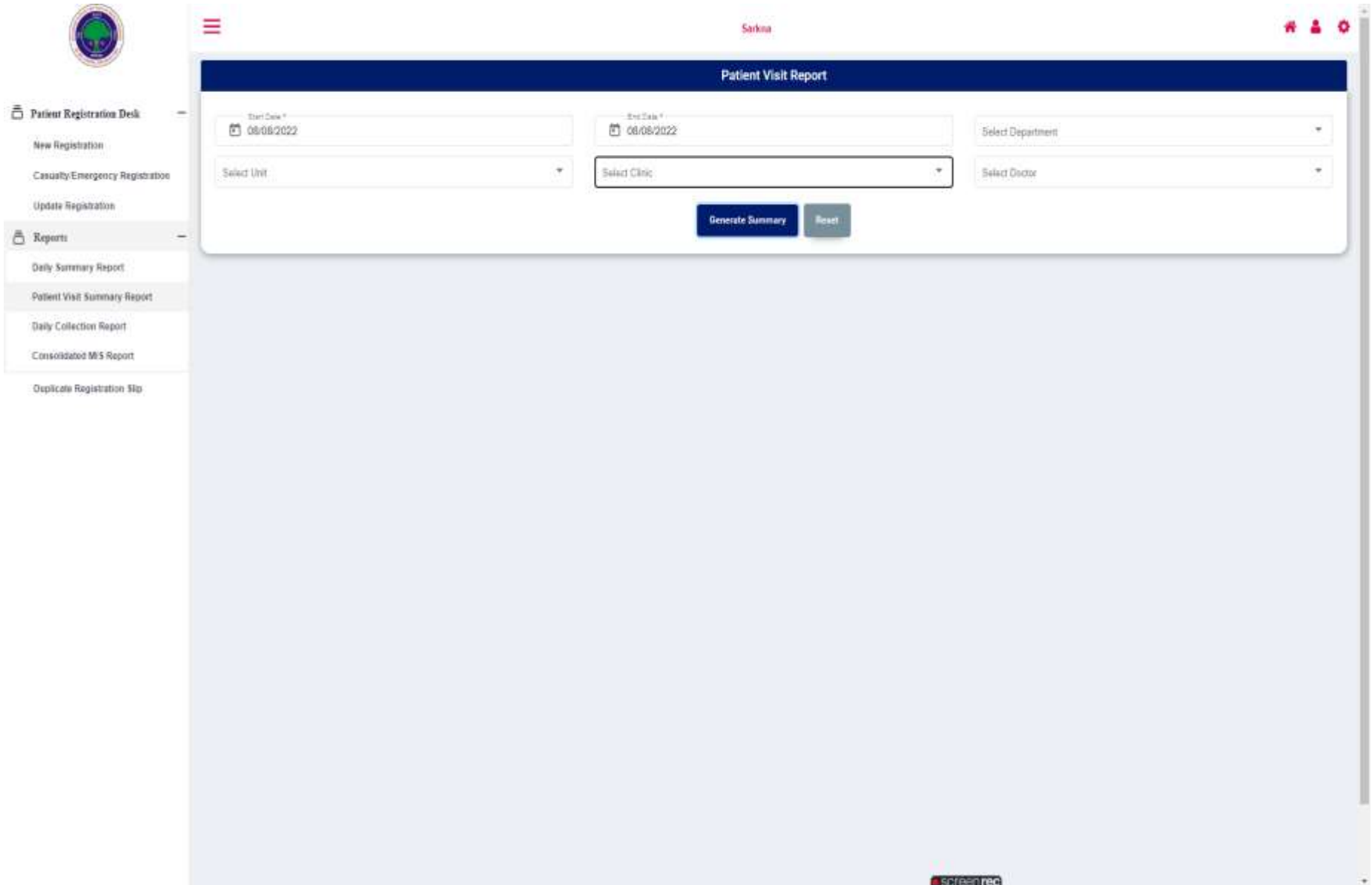
Report Period 08-08-2022 to 08-08-2022

Clinic Name	New Registration	Revisit	Total
Casualty Clinic	0	0	0
Medicine Clinic	0	0	0
Casualty Clinic	0	0	0
Cardiology Clinic	0	0	0
Total	0	0	0

SCREEN REC

Figure 10

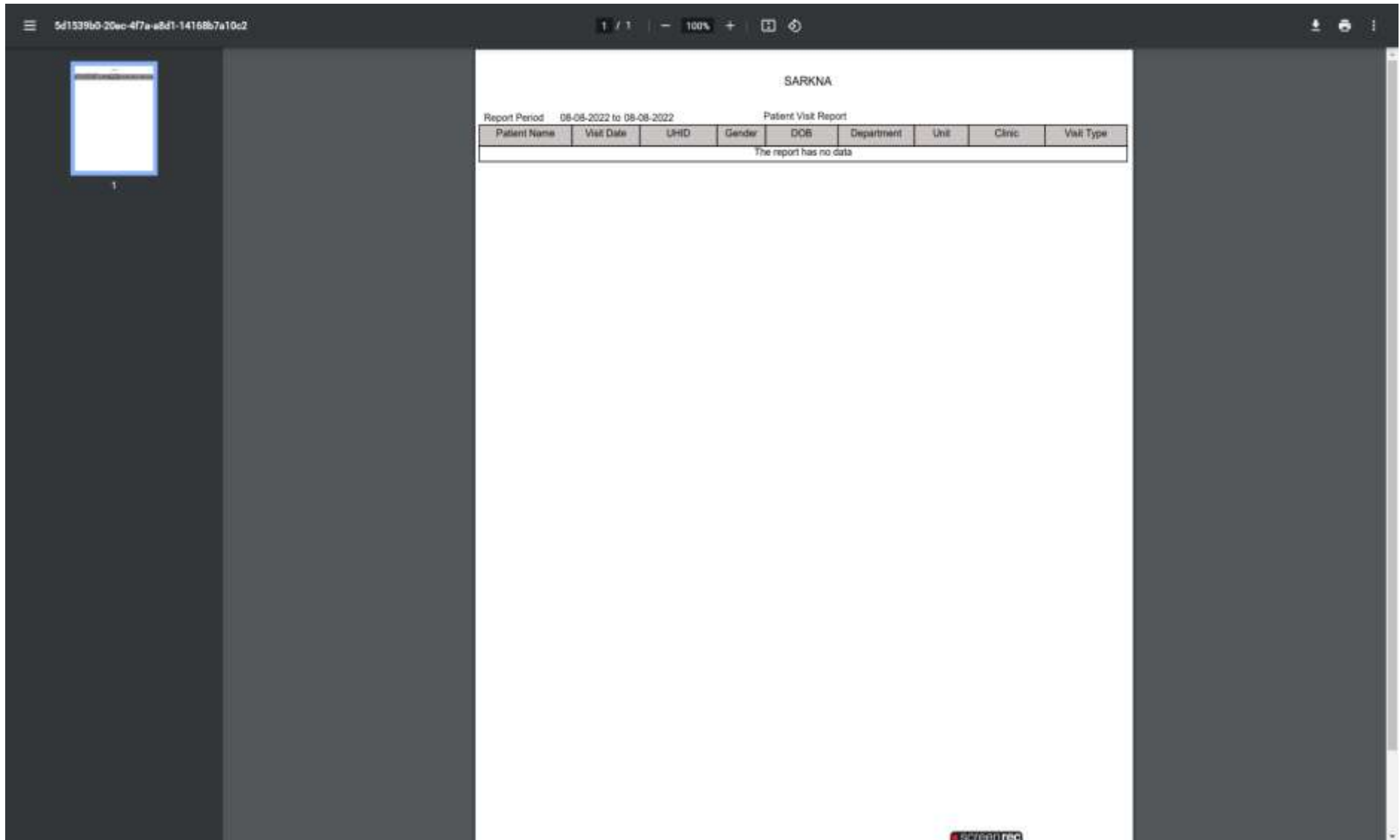
10. **Patient Visit Details Report:** This report display patient details (Name, DOB, Gender, etc).



The screenshot displays the 'Patient Visit Report' interface. On the left, a sidebar contains navigation options under 'Patient Registration Desk' (New Registration, Casualty/Emergency Registration, Update Registration) and 'Reports' (Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, Duplicate Registration Slip). The main content area features a form with the following fields: 'Start Date' (08/08/2022), 'End Date' (08/08/2022), 'Select Department', 'Select Unit', 'Select Clinic', and 'Select Doctor'. Below the form are 'Generate Summary' and 'Reset' buttons. The user's name 'Sarkna' is visible at the top right of the interface.

Figure 11

- ✓ Select Date Range, Department, Unit, Clinic and Doctor.
- ✓ Click on Submit Button.
- ✓ Visit Details report in following format will appear:



SARKNA

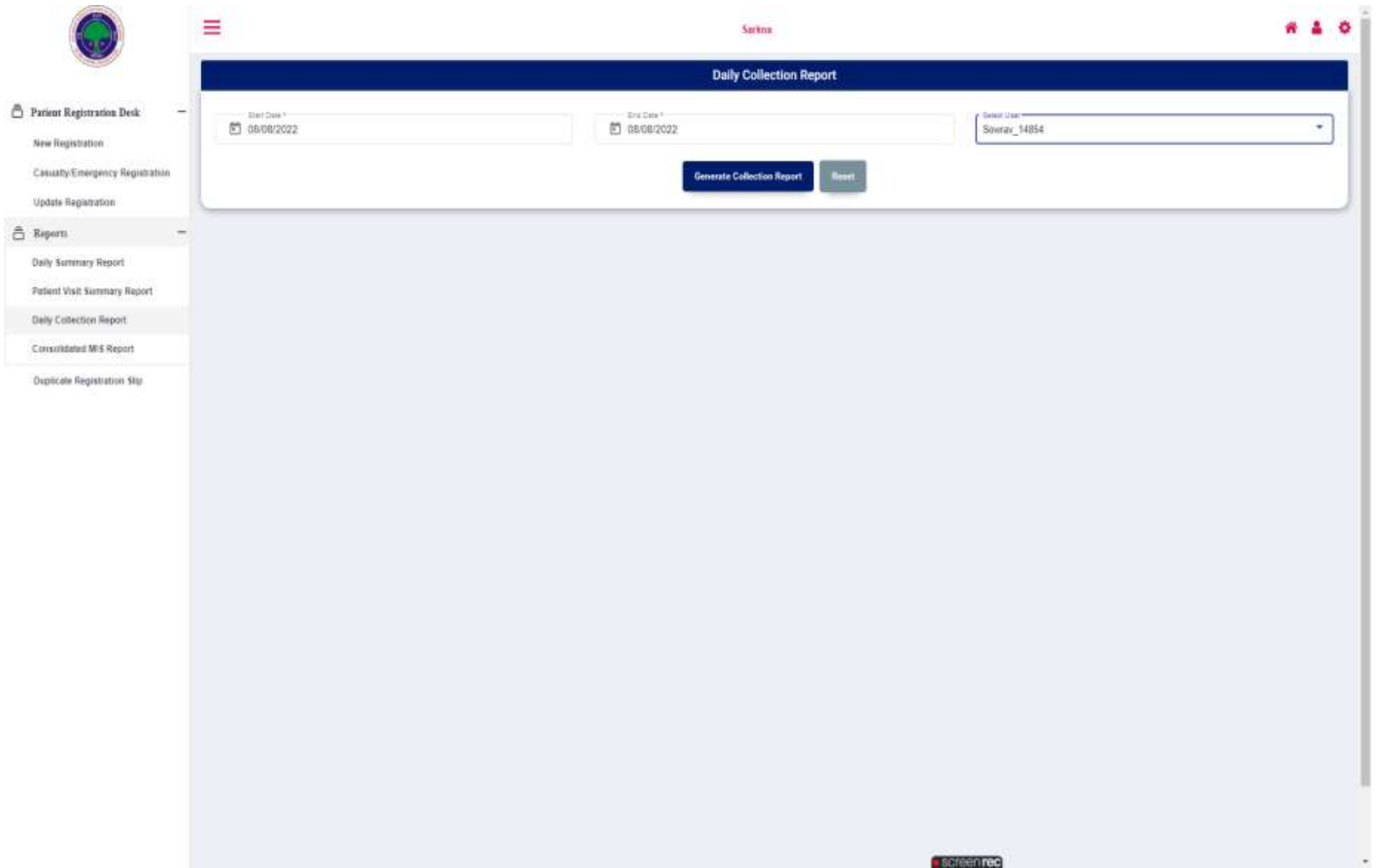
Report Period: 08-08-2022 to 08-08-2022 Patient Visit Report

Patient Name	Visit Date	UHID	Gender	DOB	Department	Unit	Clinic	Visit Type
The report has no data								

screen rec

Figure 12

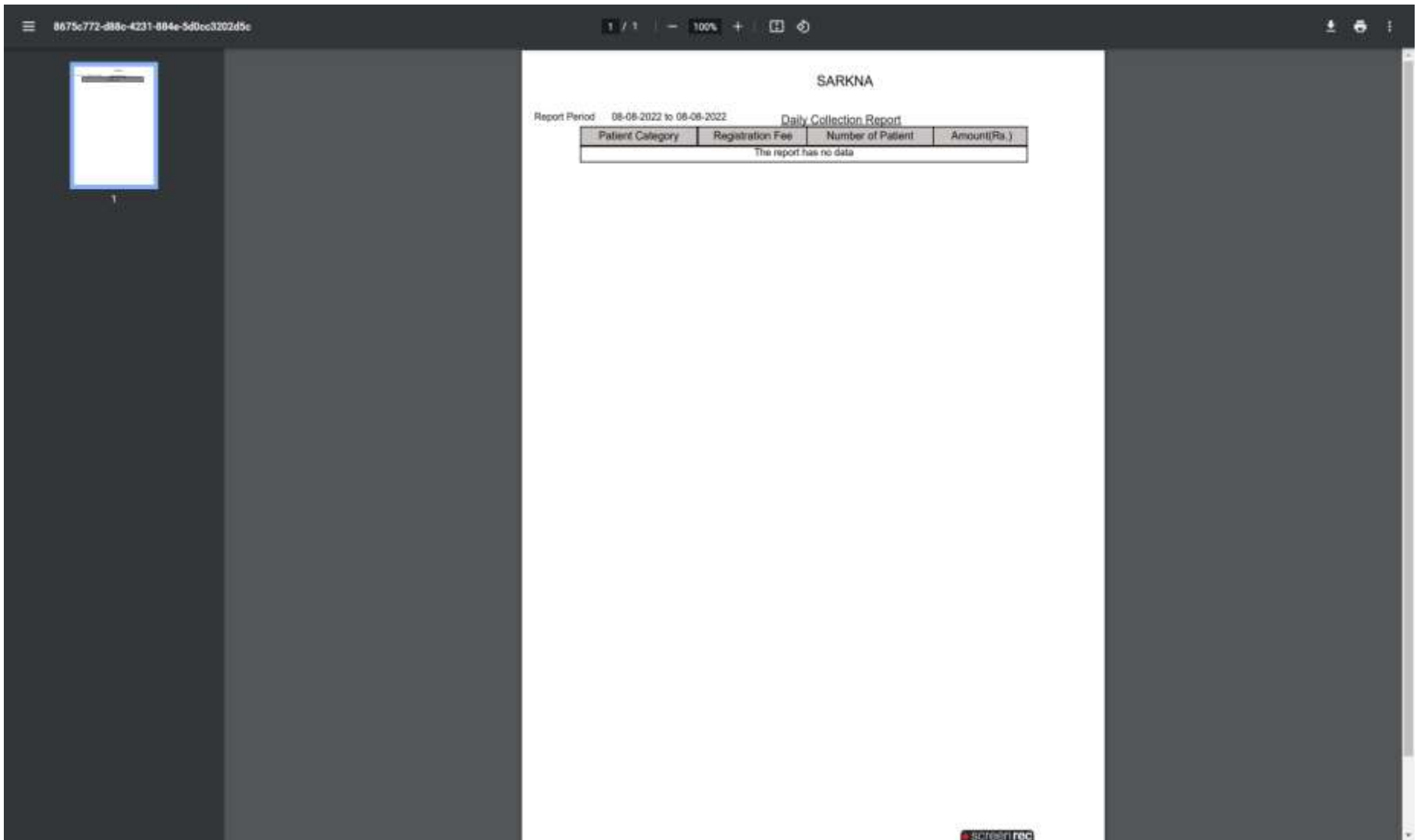
- 11. User Wise Collection Report:** This report display Daily Collection Report.  
✓ Click on Patient Summary report.



The screenshot shows a web application interface for generating a 'Daily Collection Report'. On the left, there is a sidebar menu with the following items: 'Patient Registration Desk' (with sub-items: 'New Registration', 'Casualty/Emergency Registration', 'Update Registration'), 'Reports' (with sub-items: 'Daily Summary Report', 'Patient Visit Summary Report', 'Daily Collection Report', 'Consolidated MIS Report', 'Duplicate Registration Slip'), and 'Duplicate Registration Slip'. The main content area has a dark blue header with the text 'Daily Collection Report'. Below the header, there are three input fields: 'Start Date' with the value '08/08/2022', 'End Date' with the value '08/08/2022', and 'Select User' with the value 'Sowrar\_14854'. Below these fields are two buttons: 'Generate Collection Report' and 'Reset'. The user's name 'Sarkna' is visible in the top right corner of the application window. A 'screen rec' watermark is present at the bottom right of the screenshot.

Figure 13

- ✓ Select Date Range.
- ✓ Select Clinic.
- ✓ Click on Generate Collection Report Button.
- ✓ Report in following format will appear:



The screenshot displays a web interface for generating a report. The main content area shows the following information:

SARKNA

Report Period: 08-08-2022 to 08-08-2022

Daily Collection Report

Patient Category	Registration Fee	Number of Patient	Amount(Rs.)
The report has no data			

A small thumbnail of the report is visible on the left side of the interface. The browser's address bar shows a long alphanumeric string: 8675c772-d88e-4231-884e-5d0cc3202d5e. The browser's zoom level is set to 100%. A 'screen rec' watermark is present in the bottom right corner of the screenshot.

Figure 14

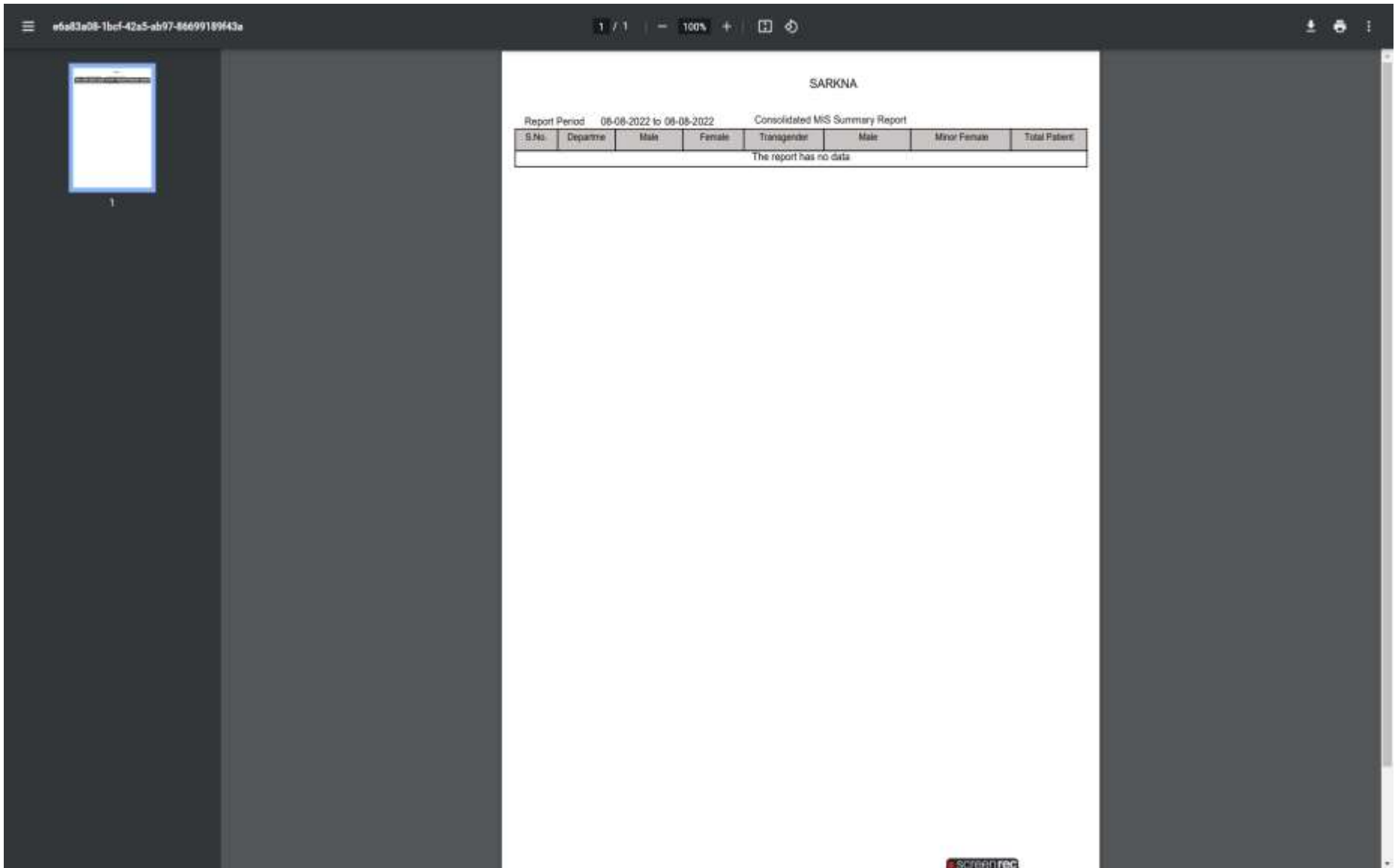
## 12. Consolidate MIS Report:

- ✓ Click on Patient Consolidate MIS Report.
- ✓ Fill the Consolidate MIS Report: Registration Type, Report Type, Date Range, Department, etc.

The screenshot shows the 'Consolidated MIS Report' interface. On the left, a sidebar lists navigation options: 'Patient Registration Desk' (New Registration, Casualty/Emergency Registration, Update Registration) and 'Reports' (Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, Duplicate Registration Slip). The main area features a header 'Consolidated MIS Report' and a search bar 'Sarkna'. Below the header are several filter fields: 'Registration Type' (All), 'Report Type' (Summary Report), 'Start Date' (08/08/2022), 'End Date' (08/08/2022), 'Time From' (00:00), and 'Time To' (23:59). There are also dropdowns for 'Age From', 'Age To', 'Department', 'Unit', 'Clinic', and 'Gender'. At the bottom of the filter section are two buttons: 'Generate Summary' and 'Reset'. The footer contains logos for 'NIC National Information Centre' and 'screenrec'.

Figure 15

- ✓ Click on Generate Summary Button.
- ✓ Report in following format will appear:



SARKNA

Report Period: 06-08-2022 to 08-08-2022      Consolidated MIS Summary Report

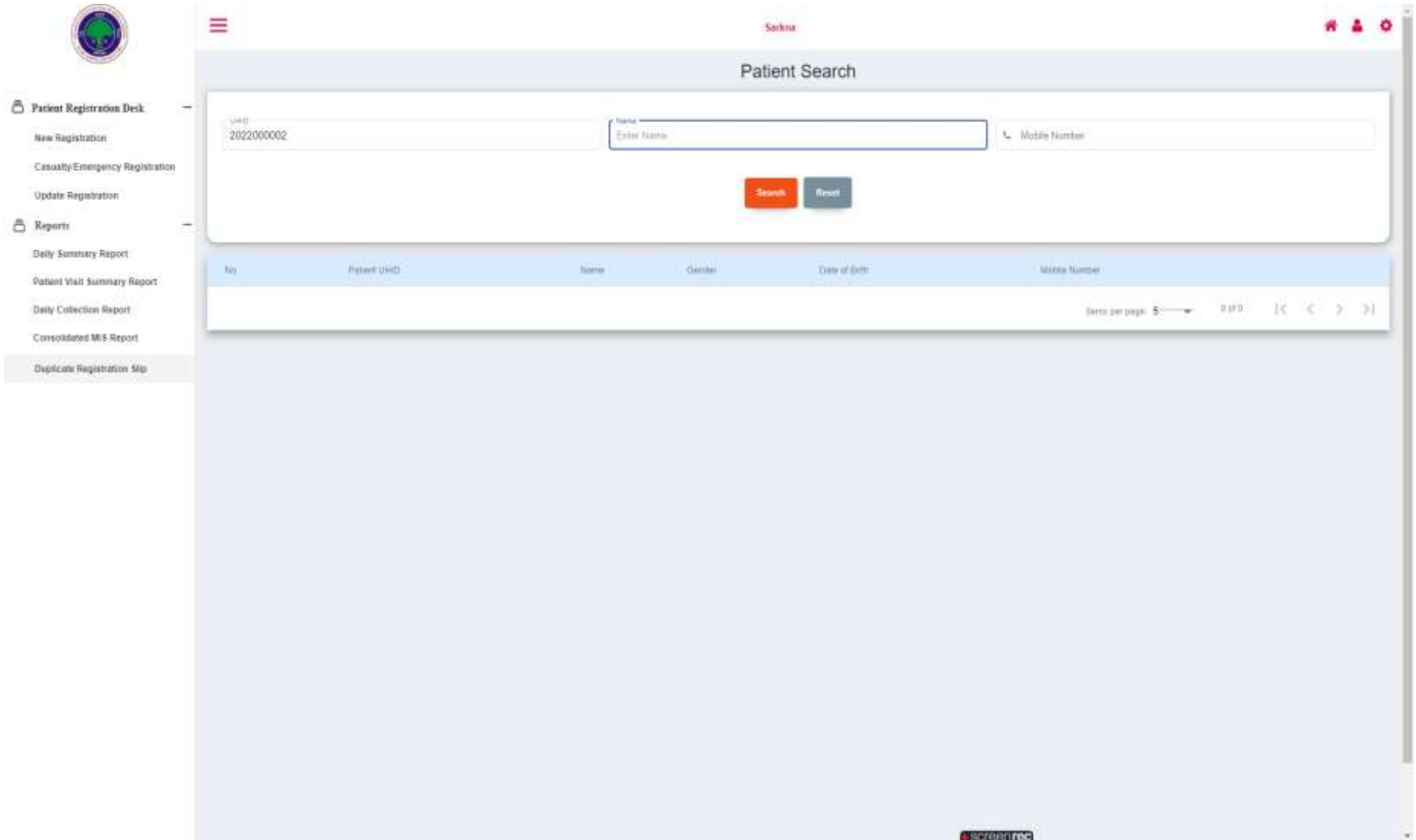
S.No.	Department	Male	Female	Transgender	Male	Minor Female	Total Patient
The report has no data.							

screenrec

Figure 16



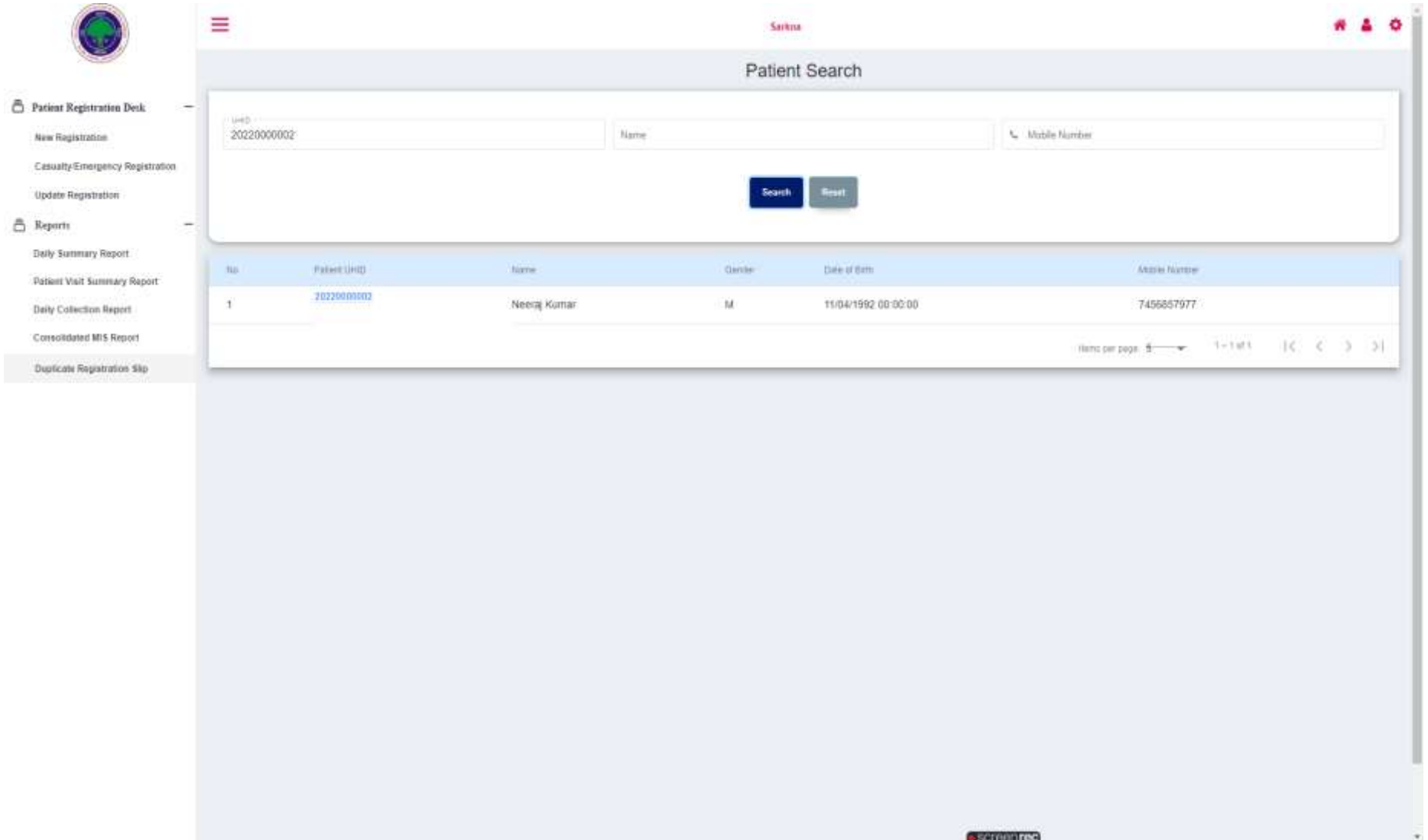
**13. Duplicate Registration Slip:** Duplicate Registration Slip generate by UHID, Name or Mobile Number.



The screenshot displays the 'Patient Search' interface. On the left, a sidebar menu includes 'Patient Registration Desk' (with sub-items: New Registration, Casualty/Emergency Registration, Update Registration) and 'Reports' (with sub-items: Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, Duplicate Registration Slip). The main search area has three input fields: 'UHID' (containing '2022000002'), 'Name' (with placeholder 'Enter Name'), and 'Mobile Number'. Below these fields are 'Search' and 'Reset' buttons. A table below the search form has columns: 'ID', 'Patient UHID', 'Name', 'Gender', 'Date of Birth', and 'Mobile Number'. The table is empty. At the bottom right of the table area, there is a pagination control showing 'Items per page: 5', '0 of 0', and navigation arrows. A 'SCREEN REC' watermark is visible at the bottom right of the screenshot.

Figure 17

- ✓ Fill the Patient Search Details: UHID, Name and Mobile Number.
- ✓ Click in the Search Button.
- ✓ Patient Details will be shown in screen page.



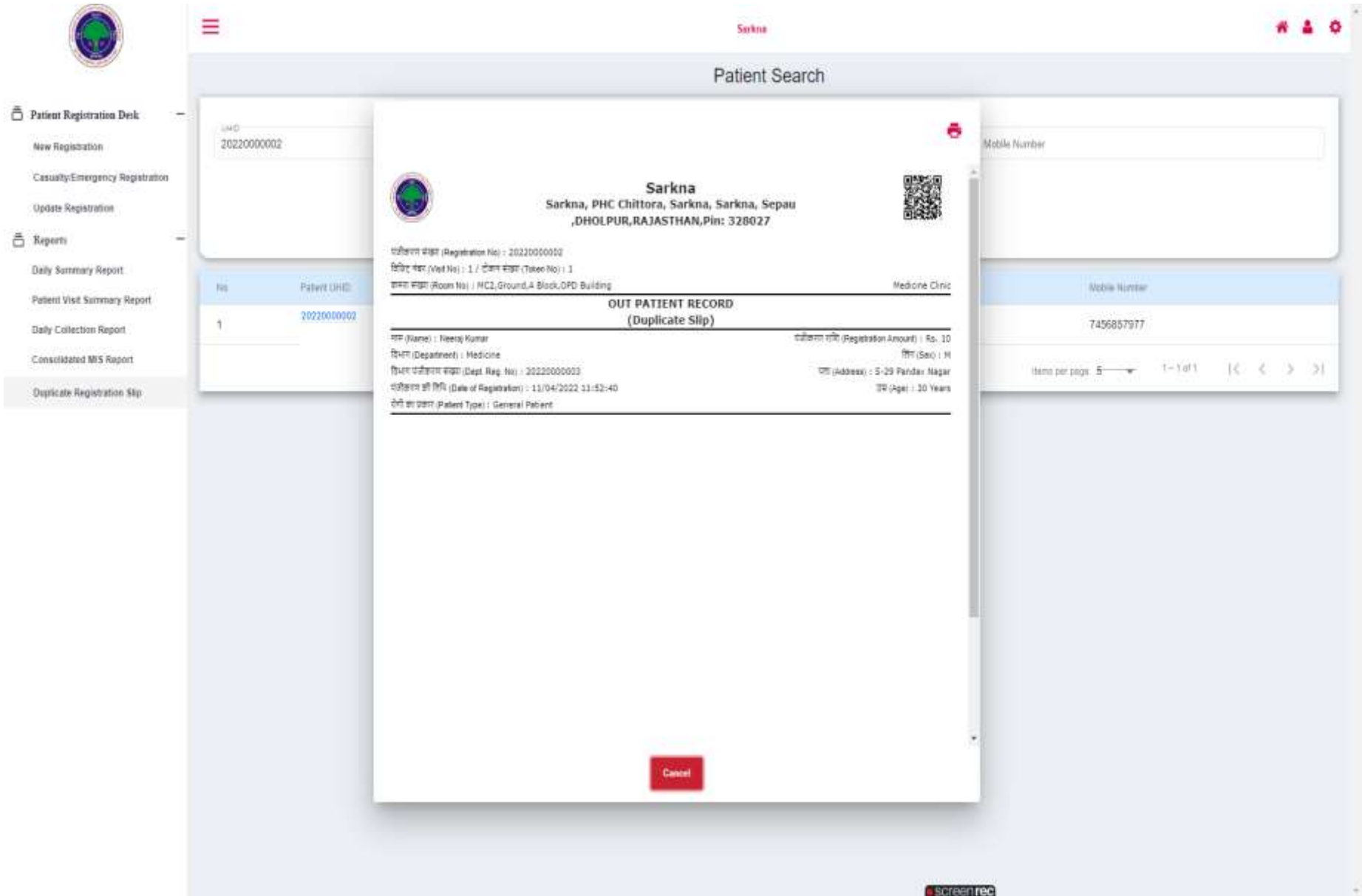
The screenshot displays the 'Patient Search' interface. On the left is a navigation menu with categories like 'Patient Registration Desk' and 'Reports'. The main area contains a search form with three input fields: 'UHID' (containing '20220000002'), 'Name', and 'Mobile Number'. Below the form are 'Search' and 'Reset' buttons. A table below the form shows the search results:

No.	Patient UHID	Name	Gender	Date of Birth	Mobile Number
1	20220000002	Neeraj Kumar	M	11/04/1992 00:00:00	7456857977

At the bottom right of the table, there is a pagination control showing 'Items per page' and '1 - 1 of 1'.

Figure 18

✓ By Click in the Patient UHID a Duplicate slip will be generated in the screen page.



The screenshot displays the 'Patient Search' interface in the NextGen Hospital system. On the left, a navigation menu includes 'Patient Registration Desk' (with sub-items: New Registration, Casualty/Emergency Registration, Update Registration) and 'Reports' (with sub-items: Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, Duplicate Registration Slip). The main area shows a search result for Patient UHID: 20220000002. A modal window titled 'Sarkna' is open, displaying a 'Duplicate Registration Slip' for an 'OUT PATIENT RECORD'. The slip includes the following details:

- Registration No.:** 20220000002
- Visit No. / Ticket No.:** 1
- Room No.:** HCC, Ground, A Block, OPD Building
- Medicine Clinic**
- Patient Name:** Nitesh Kumar
- Department:** Medicine
- Registration Amount:** Rs. 10
- Sex:** M
- Dept. Reg. No.:** 20220000003
- Address:** S-29 Pandav Nagar
- Date of Registration:** 11/04/2022 11:52:40
- Age:** 30 Years
- Patient Type:** General Patient

The slip also features a QR code and a 'Cancel' button at the bottom. The background interface shows a table with one entry for Patient UHID: 20220000002 and a mobile number field containing 7496857977.

Figure 19

# User Manual

## NextGen eHospital

## OPD Configuration

## DOCUMENT RELEASE NOTE:

### OPD Configuration

Version	1.0
Date of Release	27 May, 2022
Department	NextGen eHospital and ORS Division, NIC

## Table of Contents

1. Introduction
2. Home Page
3. Login
4. Forgot Password
5. Add/Update OPD Clinic
6. Configure OPD Registration Parameters
7. Configure OPD Registration Level
8. Configure OPD Roster
9. Revisit Fee

## OPD Configuration

1. Introduction: Configuration specific to OPD Module is performed in this module. It includes managing OPD Clinics, OPD Registration Level, OPD Roster and Revisit Fee
2. Visit the homepage of application. Following screen will appear:



Figure 1

3. Login using the credentials of Nodal Officer or any other user who has roles to configure OPD Module.

- ✓ Enter Username.
- ✓ Enter Password.
- ✓ Enter the Captcha Code.
- ✓ Click on the LOGIN button.
- ✓ Click on the Forget Password if user(s) forget the password.

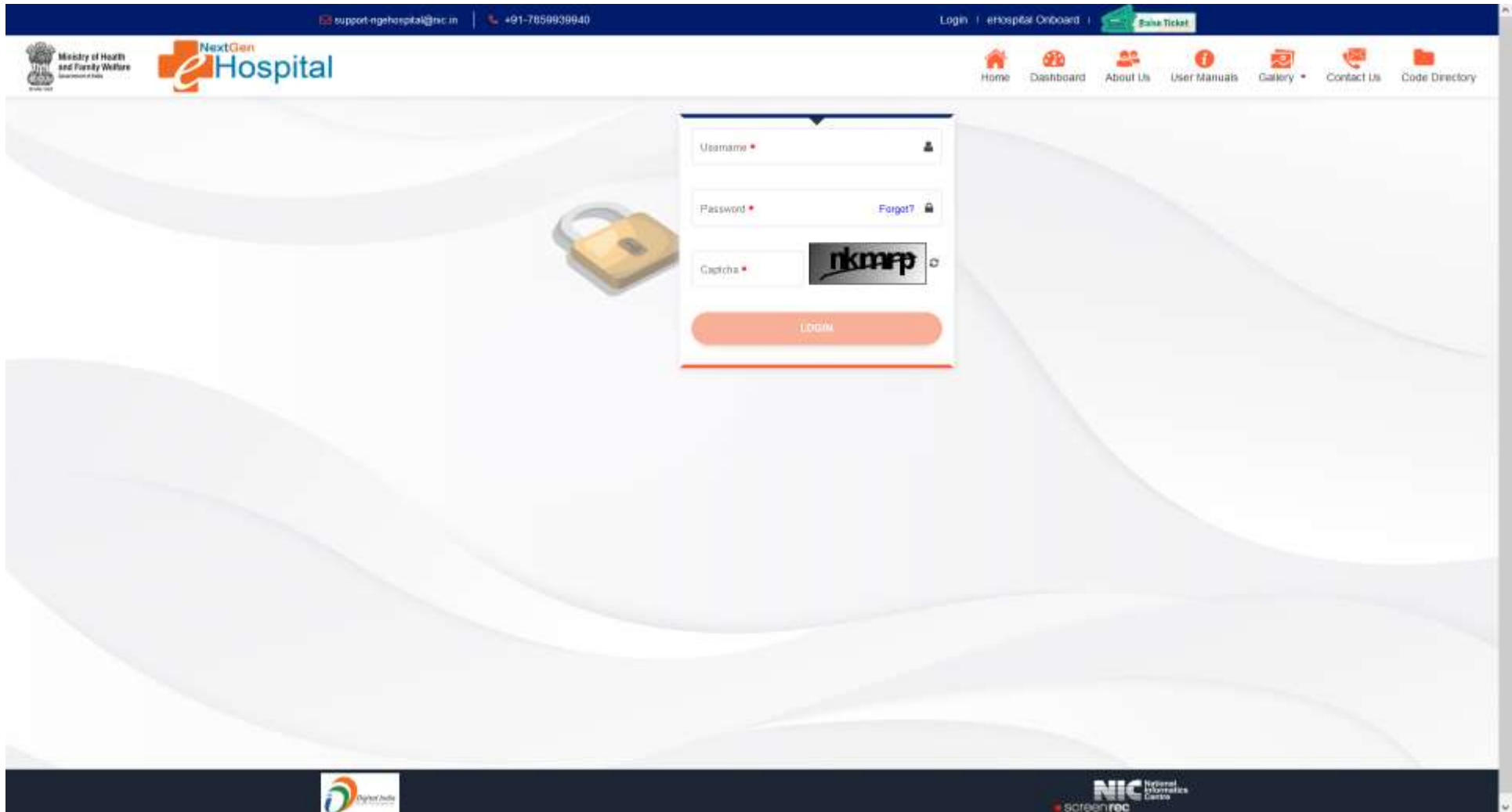


Figure 2



#### 4. User can reset the password by clicking on Forgot Password.

- ✓ Enter User id
- ✓ Click on Forgot link
- ✓ OTP Will be received on registered mobile number
- ✓ Verify OTP
- ✓ Enter new password
- ✓ Confirm new password
- ✓ Click of Set Password Button.

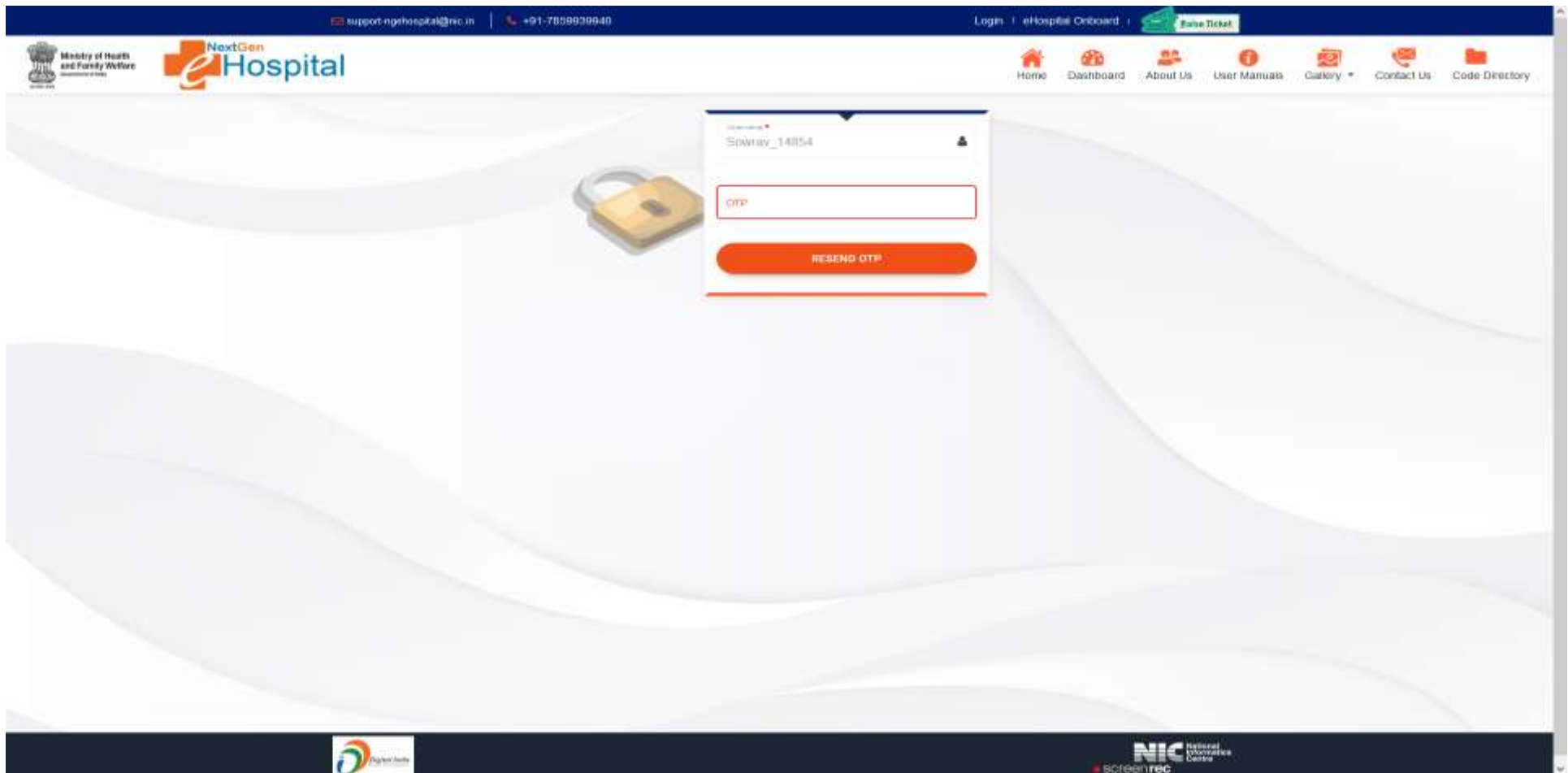
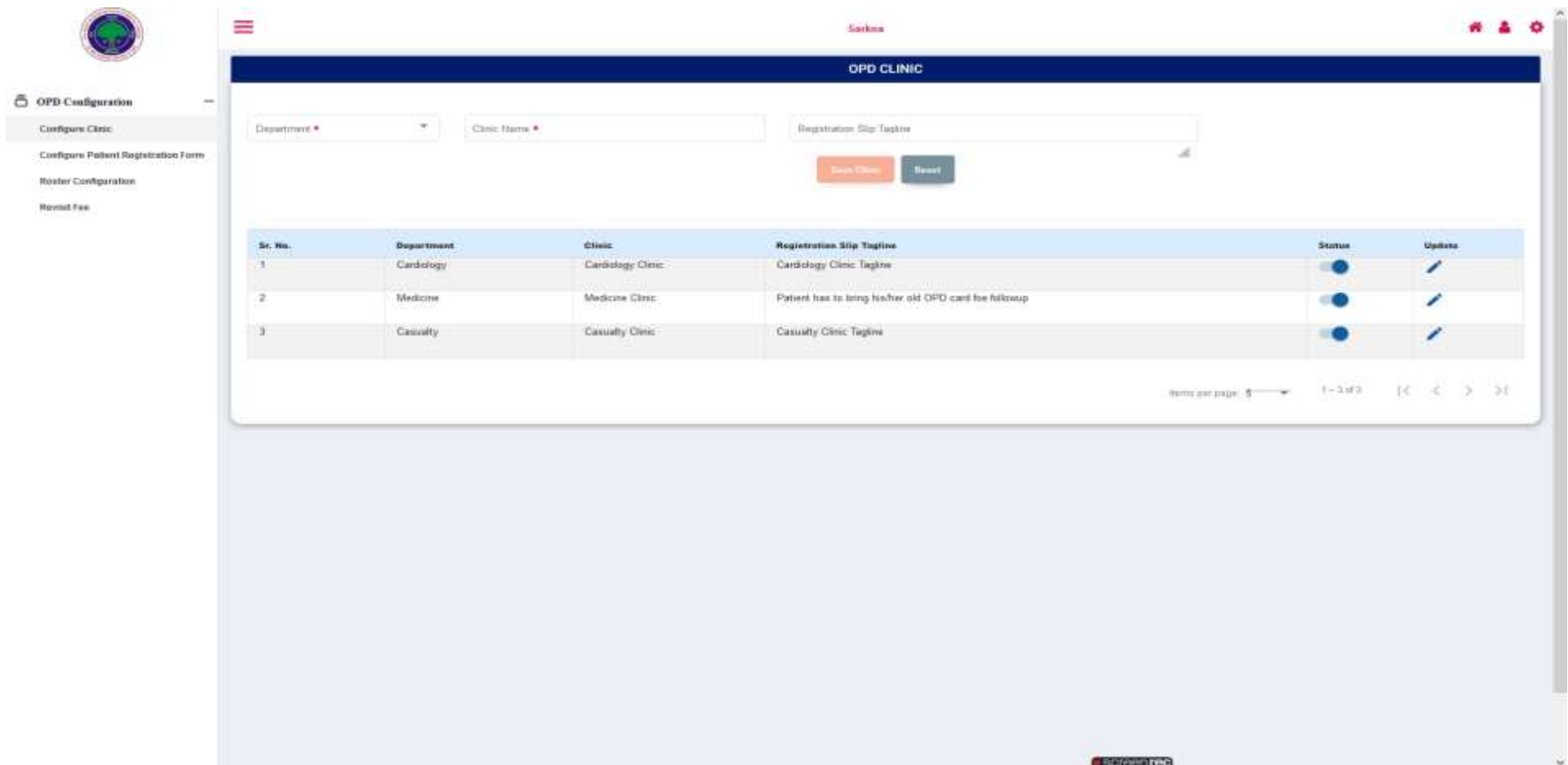


Figure 3

## 5. Add/Update/View OPD Clinic:




- ✓ Select Department (in case Department Configuration required is selected as Yes in health facility Configuration other Department option will not be visible).
- ✓ Enter Clinic Name.
- ✓ Enter Registration slip tagline: This tagline will be printed in OPD Registration Slip.
- ✓ Click on Save Clinic Button.
- ✓ List of added clinics is displayed.
- ✓ Select Existing clinic to update.



The screenshot displays the 'OPD CLINIC' configuration page. On the left, a sidebar menu includes 'OPD Configuration' with sub-items: 'Configure Clinic', 'Configure Patient Registration Form', 'Roster Configuration', and 'Hospital Fee'. The main area features a form with the following fields:

- Department: A dropdown menu.
- Clinic Name: A text input field.
- Registration Slip Tagline: A text input field.
- Buttons: 'Save Clinic' (orange) and 'Reset' (blue).

Below the form is a table listing the configured clinics:

Sr. No.	Department	Clinic	Registration Slip Tagline	Status	Update
1	Cardiology	Cardiology Clinic	Cardiology Clinic Tagline	<input checked="" type="checkbox"/>	
2	Medicine	Medicine Clinic	Patient has to bring his/her old OPD card for followup	<input checked="" type="checkbox"/>	
3	Casualty	Casualty Clinic	Casualty Clinic Tagline	<input checked="" type="checkbox"/>	

At the bottom right of the table, there is a pagination control showing 'Items per page: 5' and '1 - 3 of 3' with navigation arrows.

Figure 4

**6. Configure OPD Registration Parameters:** Registration Parameters that will be visible at Registration page can be configured using this option. Check (Tick) the registration parameters that needs to be displayed at registration page.

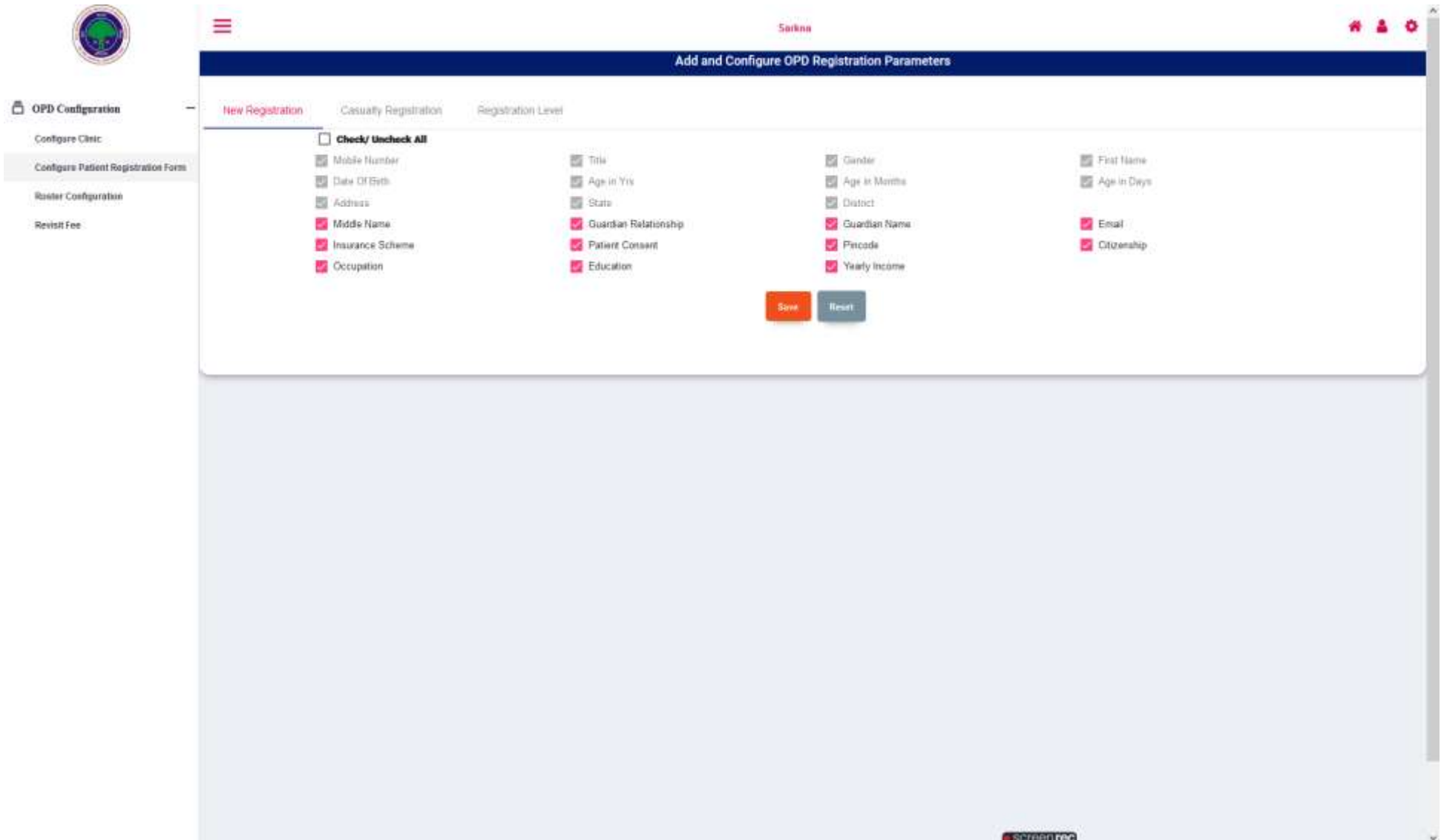


Figure 5



OPD Configuration

Configure Clinic

Configure Patient Registration Form

Roster Configuration

Revisit Fee

Sarkna

### Add and Configure OPD Registration Parameters

New Registration **Casualty Registration** Registration Level

<input type="checkbox"/> Check/ Uncheck All	<input checked="" type="checkbox"/> Mobile Number	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Gender	<input checked="" type="checkbox"/> First Name
<input checked="" type="checkbox"/> Date Of Birth	<input checked="" type="checkbox"/> Age in Yrs	<input checked="" type="checkbox"/> Age in Months	<input checked="" type="checkbox"/> District	<input checked="" type="checkbox"/> Age in Days
<input checked="" type="checkbox"/> Address	<input checked="" type="checkbox"/> State	<input type="checkbox"/> Email	<input type="checkbox"/> Middle Name	<input type="checkbox"/> Insurance Scheme
<input type="checkbox"/> Guardian Relationship	<input type="checkbox"/> Guardian Name	<input type="checkbox"/> Citizenship	<input type="checkbox"/> Occupation	
<input type="checkbox"/> Patient Consent	<input type="checkbox"/> Pincode			
<input type="checkbox"/> Education	<input type="checkbox"/> Yearly Income			

screen rec

Figure 6

## 7. Configure OPD Registration Level: Patient can be registered at different levels via Department/Clinic/Room/Practitioner.

- ✓ If Registration level is selected as Practitioner, then Practitioner's name will be displayed at Registration Page and Registration Desk Operator will have the option to register the patient to a particular practitioner.
- ✓ If registration Level is selected as Room, then only room no. will be visible to Registration Desk Operator at Registration Page. Practitioner will be automatically assigned based on OPD Roster.
- ✓ Similarly, in case of Department/Unit/Clinic; practitioner will be auto-assigned to patient based on OPD roster.
- ✓ Nodal officer should select registration level as per the requirement of health facility.

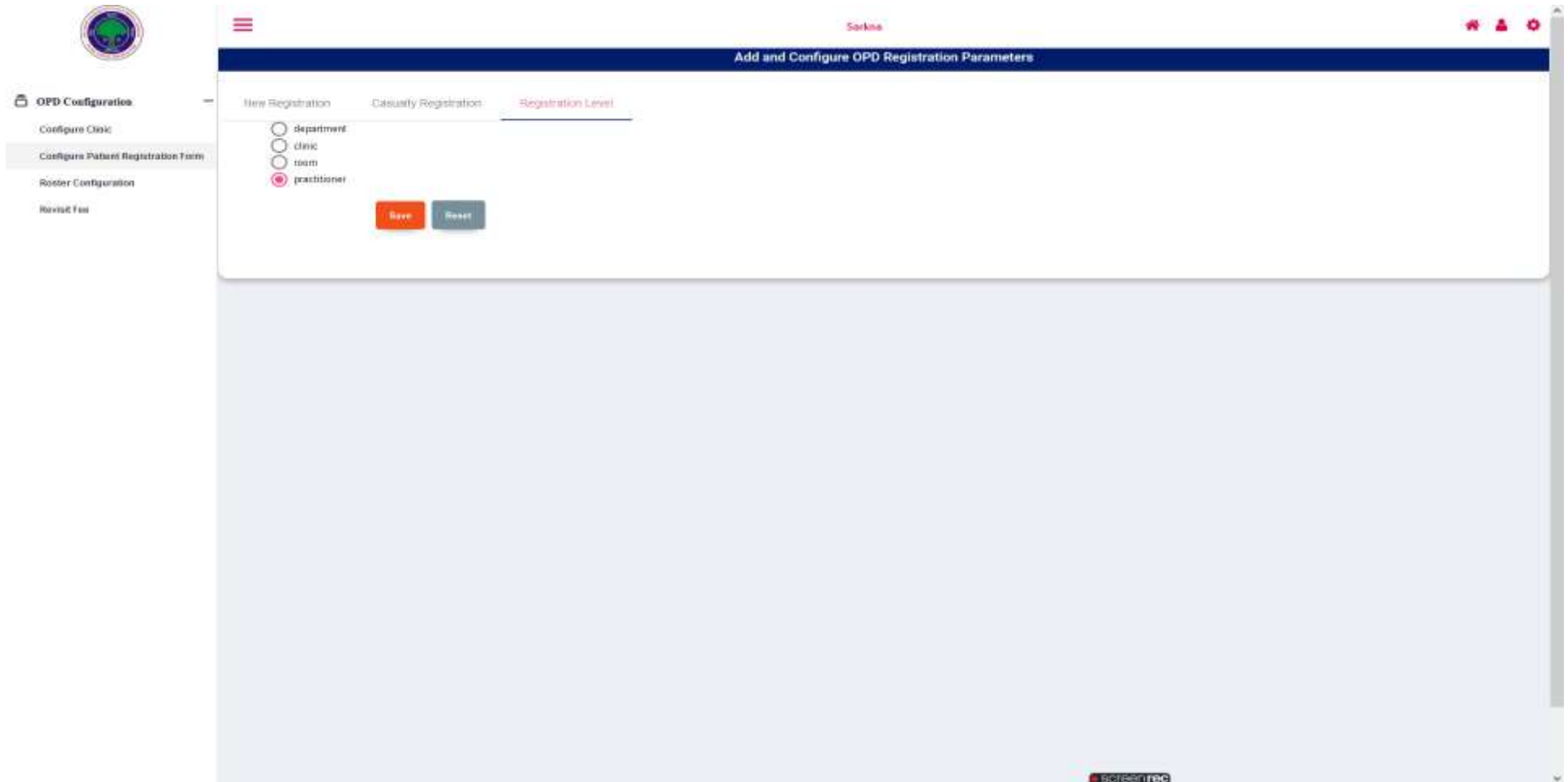


Figure 7

**8. Configure OPD Roster:** OPD Roster maps practitioners' of a department to clinic and rooms based on their duty assignment at the health facility.

- ✓ Click on OPD Roster menu. Following screen will appear

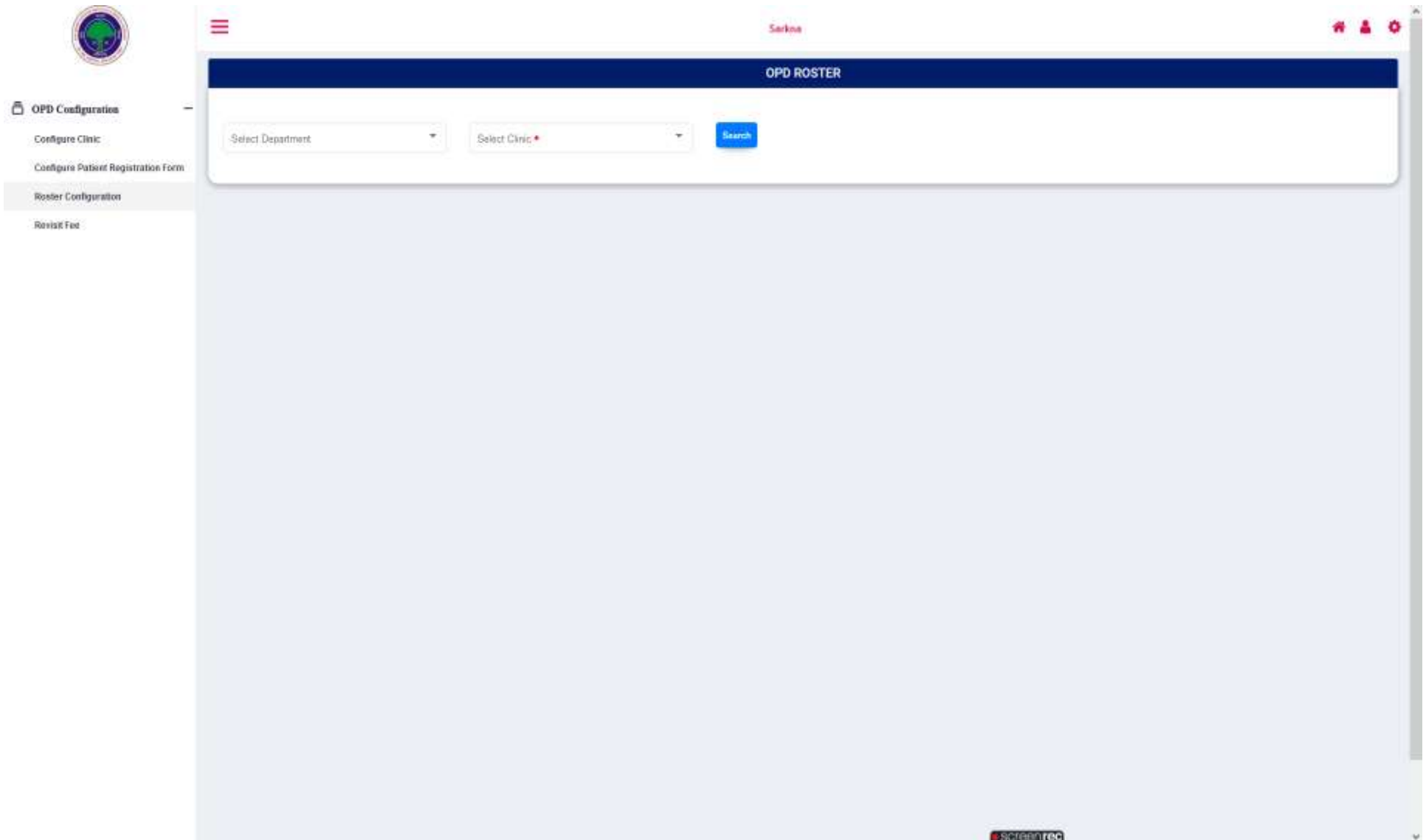
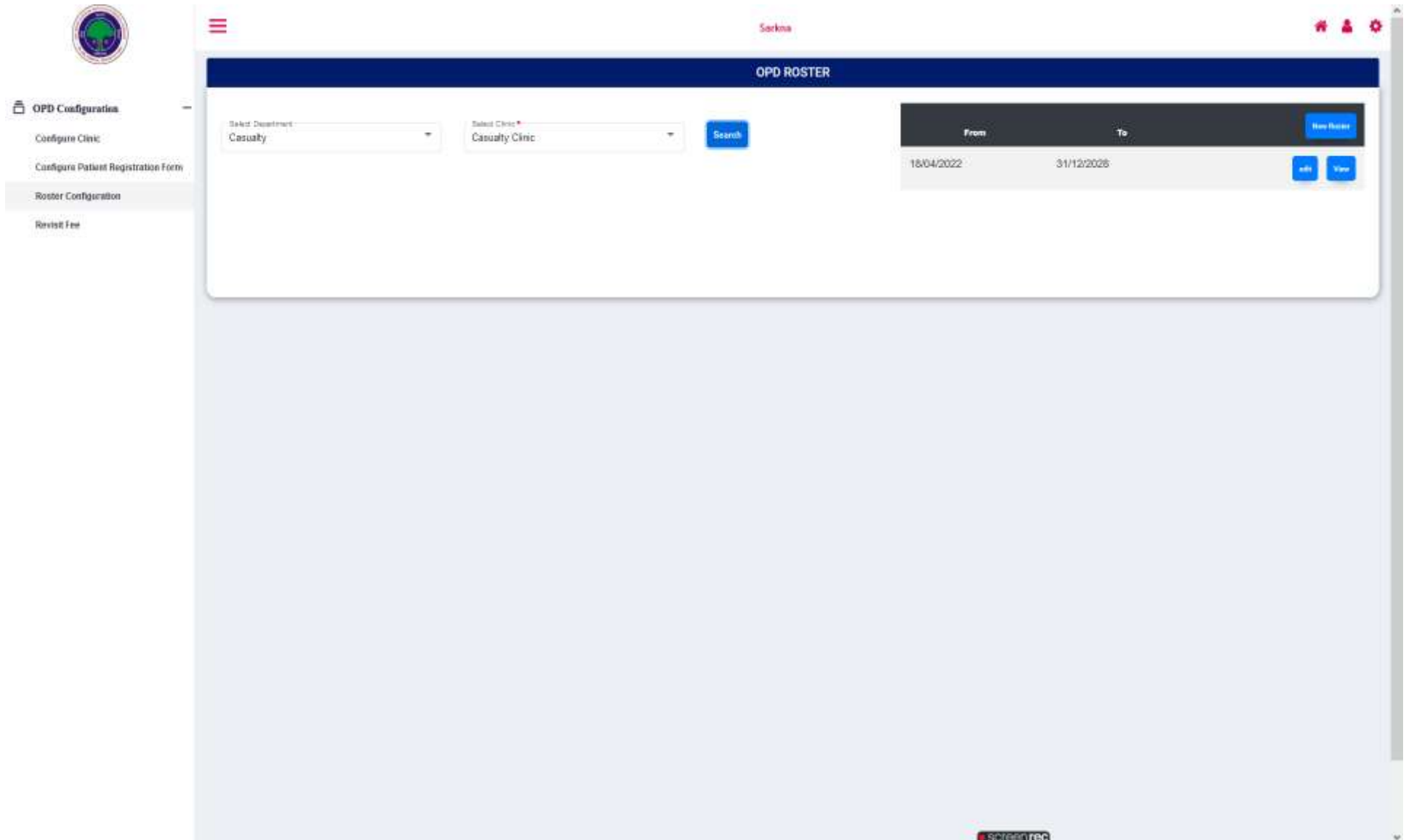


Figure 8

- ✓ Select the Department and Clinic
- ✓ Click on the Search Button



The screenshot displays the 'OPD ROSTER' configuration page. On the left, a sidebar under 'OPD Configuration' has 'Roster Configuration' highlighted. The main content area includes a search section with two dropdown menus: 'Select Department' (set to 'Casualty') and 'Select Clinic' (set to 'Casualty Clinic'), followed by a 'Search' button. To the right, a date range selector shows 'From 18/04/2022' and 'To 31/12/2026', with a 'New Roster' button and 'edit' and 'View' options. The interface is branded with 'Sarkna' at the top and 'screenrec' at the bottom.

Figure 9

✓ Select the Clinic for which roster is to be configure and click on New Roster button. Following screen appears:

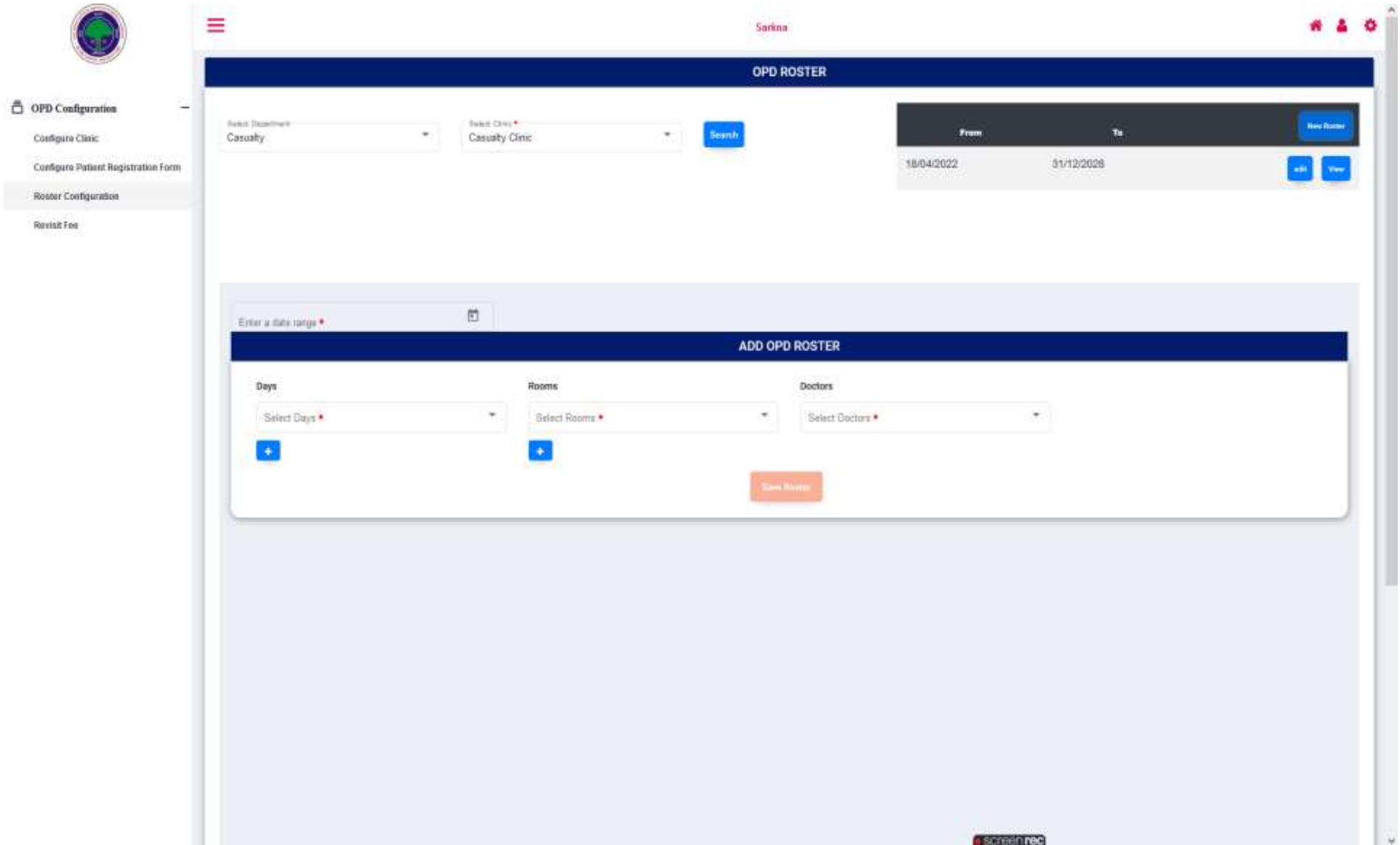
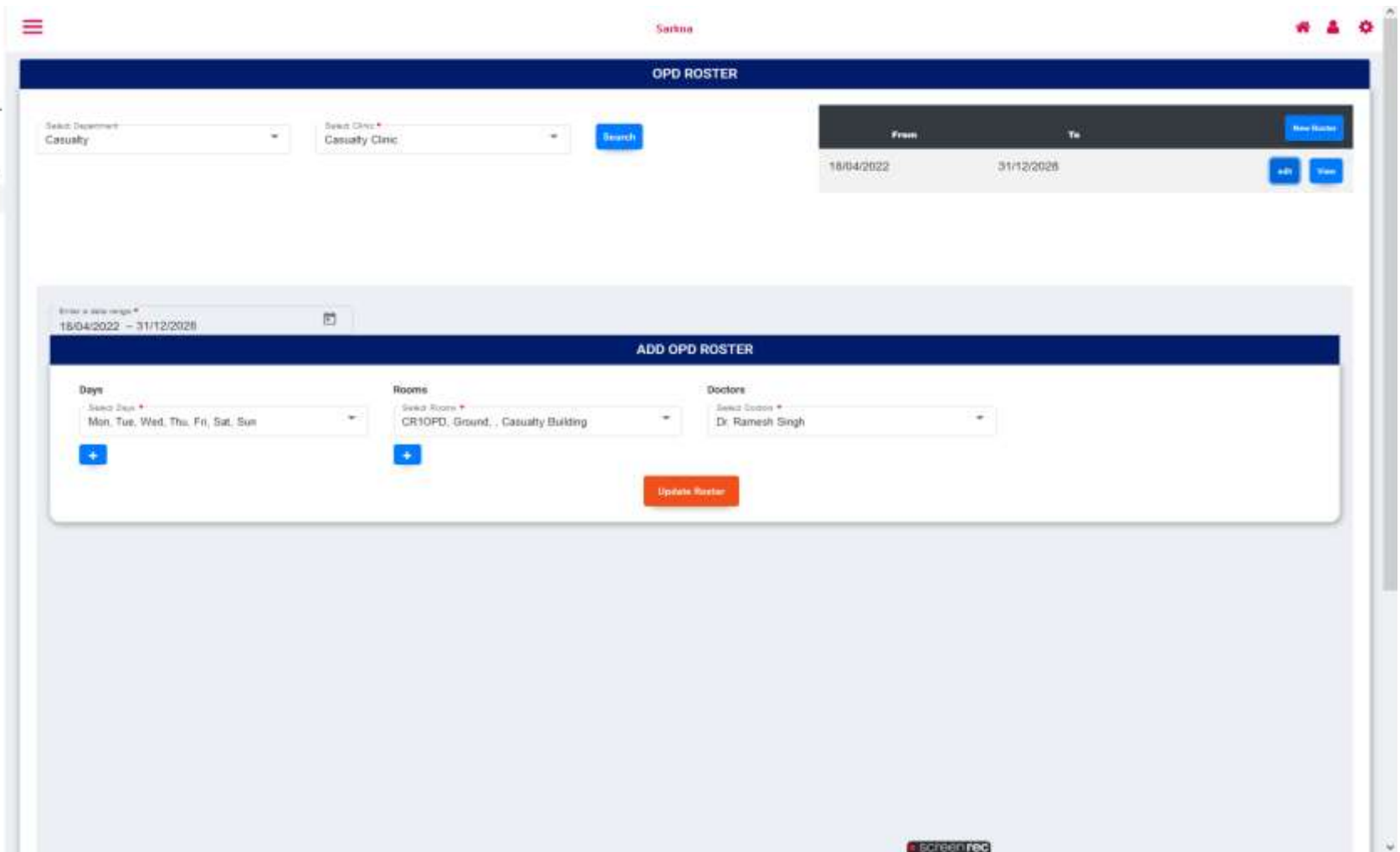


Figure 10



- ✓ Select Date range for which OPD Roster will be applicable.
- ✓ Select Days, Rooms and Practitioners/Doctors.
- ✓ Click on Save Roster
- ✓ View OPD Roster: Click on View button to see existing Roster. It can be updated in case of changes in roster. Its details will be displayed as below:



The screenshot displays the 'OPD ROSTER' configuration page. At the top, there is a search bar with 'Casualty' selected in both 'Select Department' and 'Select Clinic' dropdowns, and a 'Search' button. To the right, a date range is set from '18/04/2022' to '31/12/2028', with 'New Roster', 'Add', and 'View' buttons. Below this is the 'ADD OPD ROSTER' section, which includes a date range selector (18/04/2022 - 31/12/2028) and three dropdown menus: 'Days' (Mon, Tue, Wed, Thu, Fri, Sat, Sun), 'Rooms' (CR10PD, Ground, Casualty Building), and 'Doctors' (Dr. Ramesh Singh). Each dropdown has a blue '+' button. An orange 'Update Roster' button is positioned below the dropdowns. A 'screen-rec' watermark is visible at the bottom right of the interface.

Figure 11

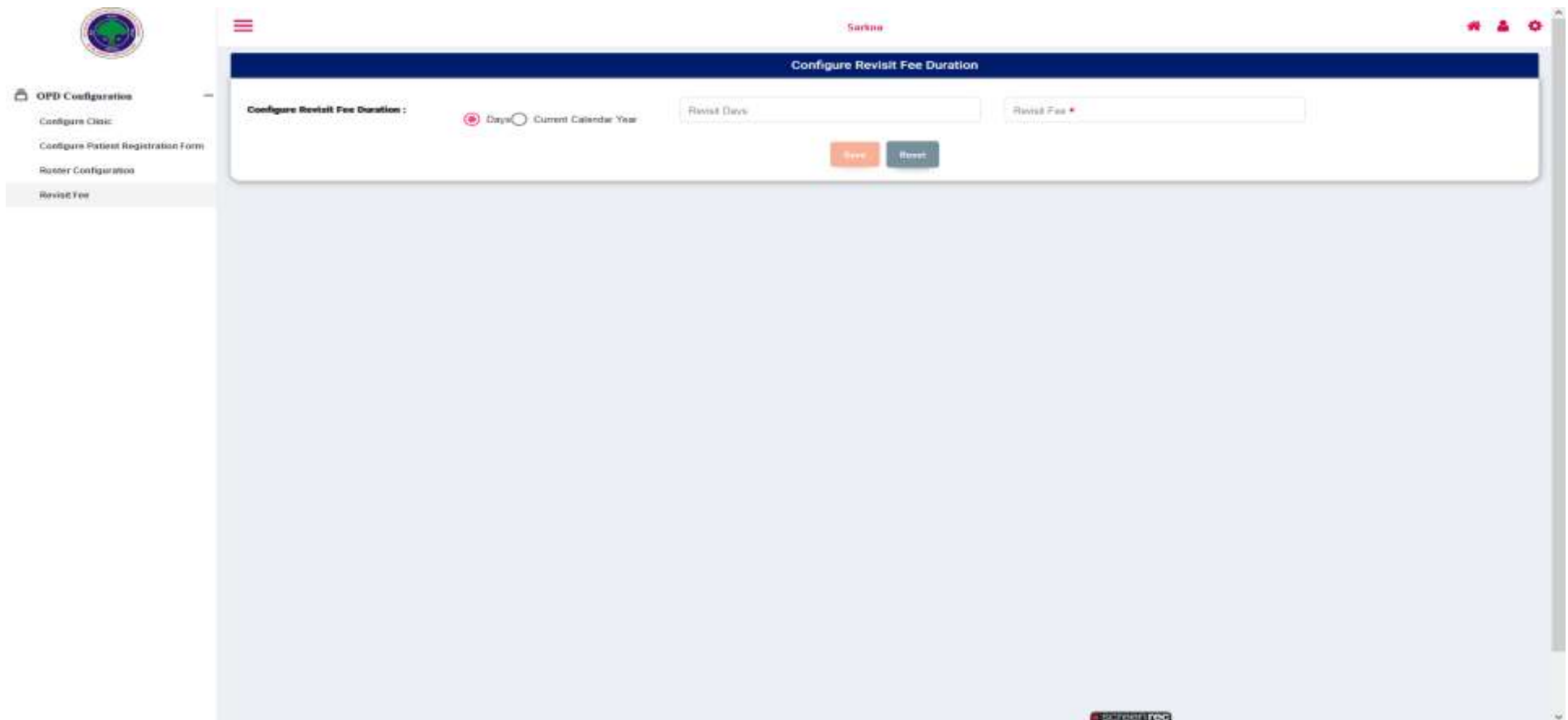
## 9. Revisit Fee

Hospital can configure revisit fee duration Day wise and Current Calendar Year wise. Hospital can configure revisit fee Day wise or Current Calendar wise as per requirement

### Configure Revisit Fee Duration

#### Days wise:

- ✓ Select Revisit Days and Revisit Fee.
- ✓ Click on the save button.
- ✓ Following screen will display.

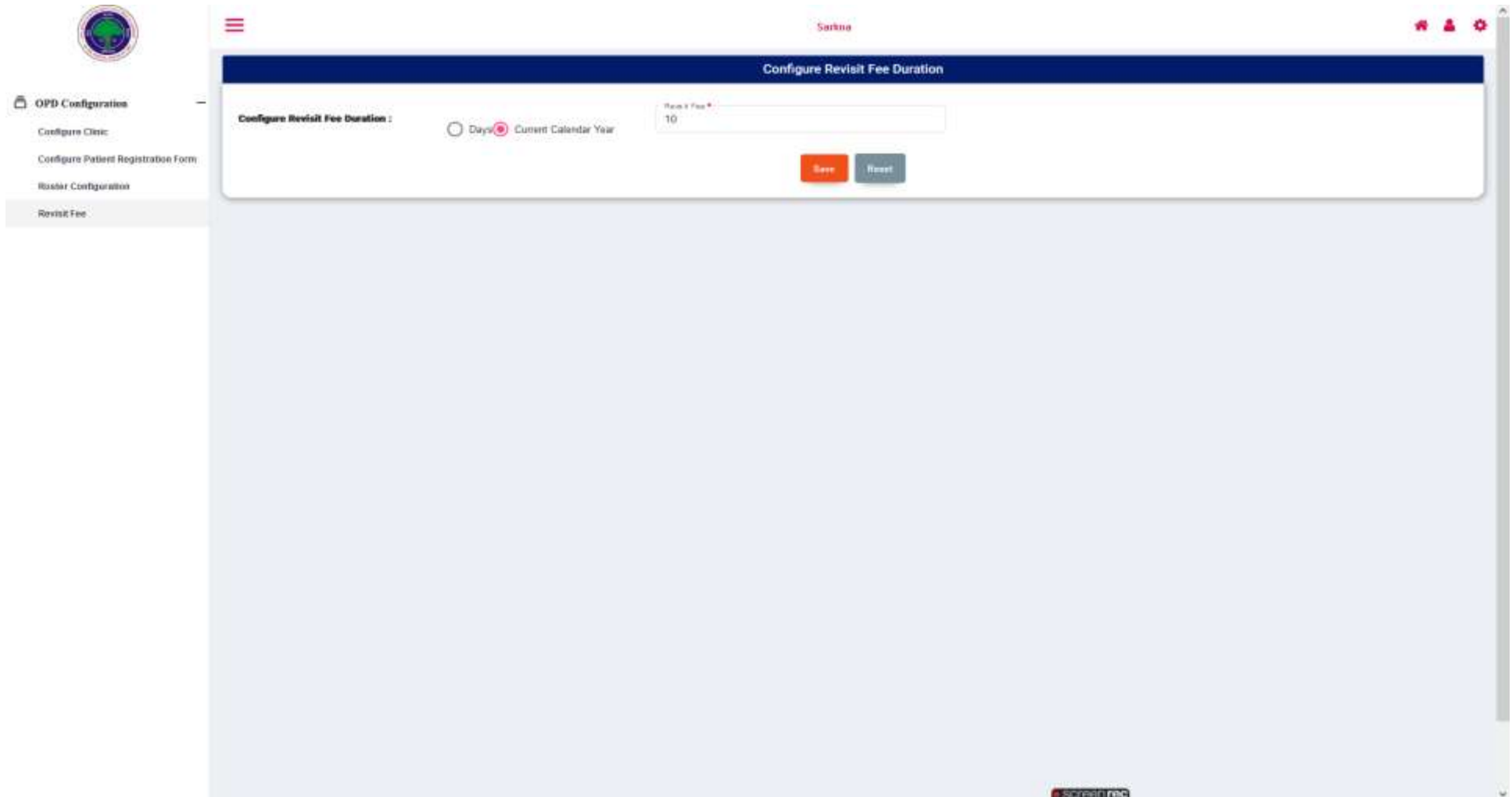


The screenshot displays the 'Configure Revisit Fee Duration' web application interface. On the left, there is a sidebar menu under 'OPD Configuration' with options: 'Configure Clinic', 'Configure Patient Registration Form', 'Router Configuration', and 'Revisit Fee'. The main content area has a dark blue header with the title 'Configure Revisit Fee Duration'. Below the header, there is a form titled 'Configure Revisit Fee Duration:'. It includes two radio buttons: 'Days' (selected) and 'Current Calendar Year'. To the right of these are two input fields: 'Revisit Days' and 'Revisit Fee'. Below the input fields are two buttons: 'Save' (orange) and 'Reset' (grey). The interface also shows a 'Sarkin' user name at the top right and a 'Screen REC' watermark at the bottom right.

Figure 12

**Current Calendar Year wise:**

- ✓ Select Revisit Fee.
- ✓ Click on the save button.
- ✓ Following screen will display.



**Figure 13**