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राष्ट्रीय आयुर्विज्ञान आयोग National Medical Commission (Office of Director)

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

Date: 12th 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 01st 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:-

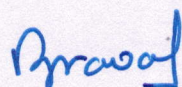
- i) Detailed guidelines for API integration of Patient Registration Module of your MCH's Hospital management information system with NMC Dashboard at **Annexure-1**.
- ii) Further Additional information regarding implementation of NIC solution for Aadhaar Enabled Biometric Attendance System (AEBAS) 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.

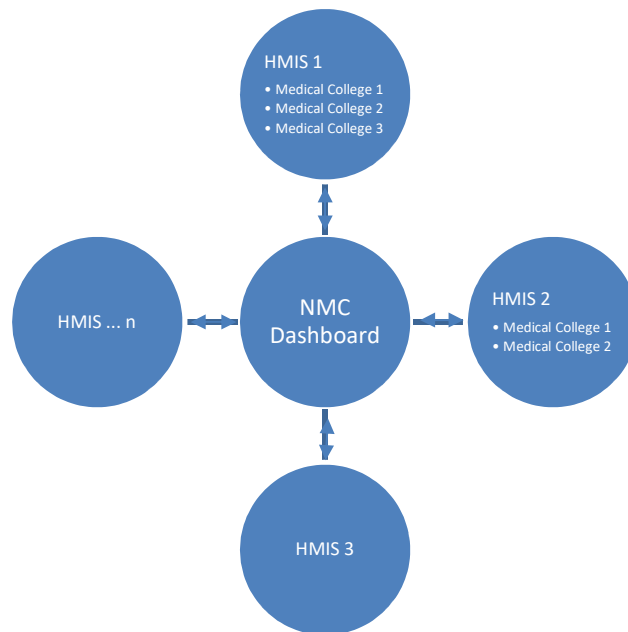

(Pankaj Agrawal)
Director

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

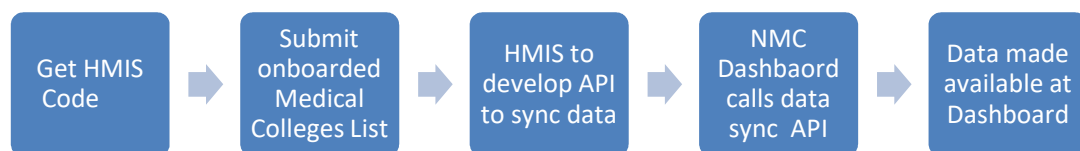
Hospital Management Information System (HMIS) Integration with NMC Dashboard

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

3. The details of HMIS being used in Medical College should be sent on mail to 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 01st 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 . 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 NICSI empaneled agencies attach in the letter dated 1st Aug 2022. NICSI 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, NICSI may be approached at pi@nicsi.nic.in (011-22900533, 22900548) and Health-NICSI@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 NICSI 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 |

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1. Introduction
2. Home Page
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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.

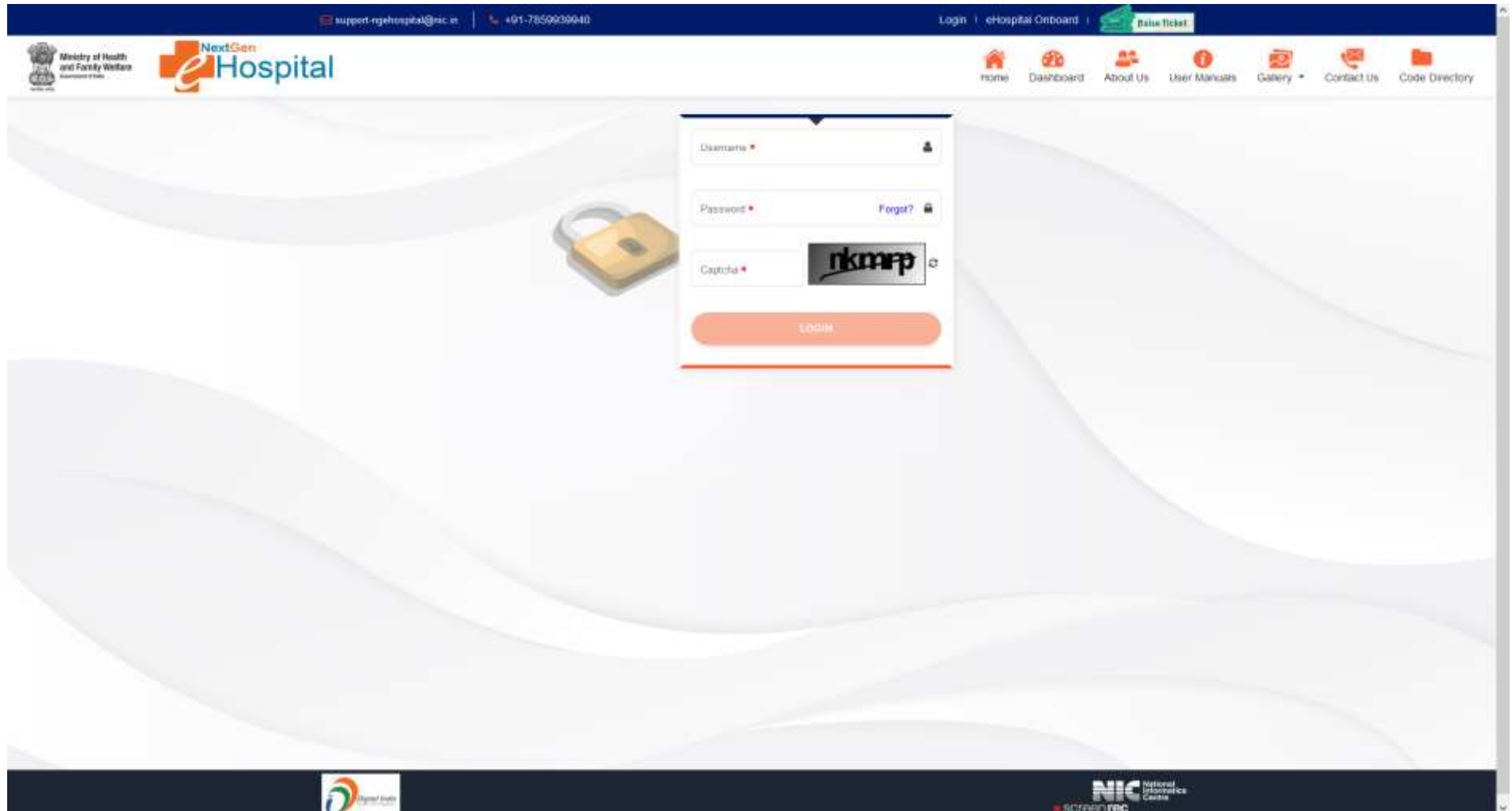


Figure 2

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.

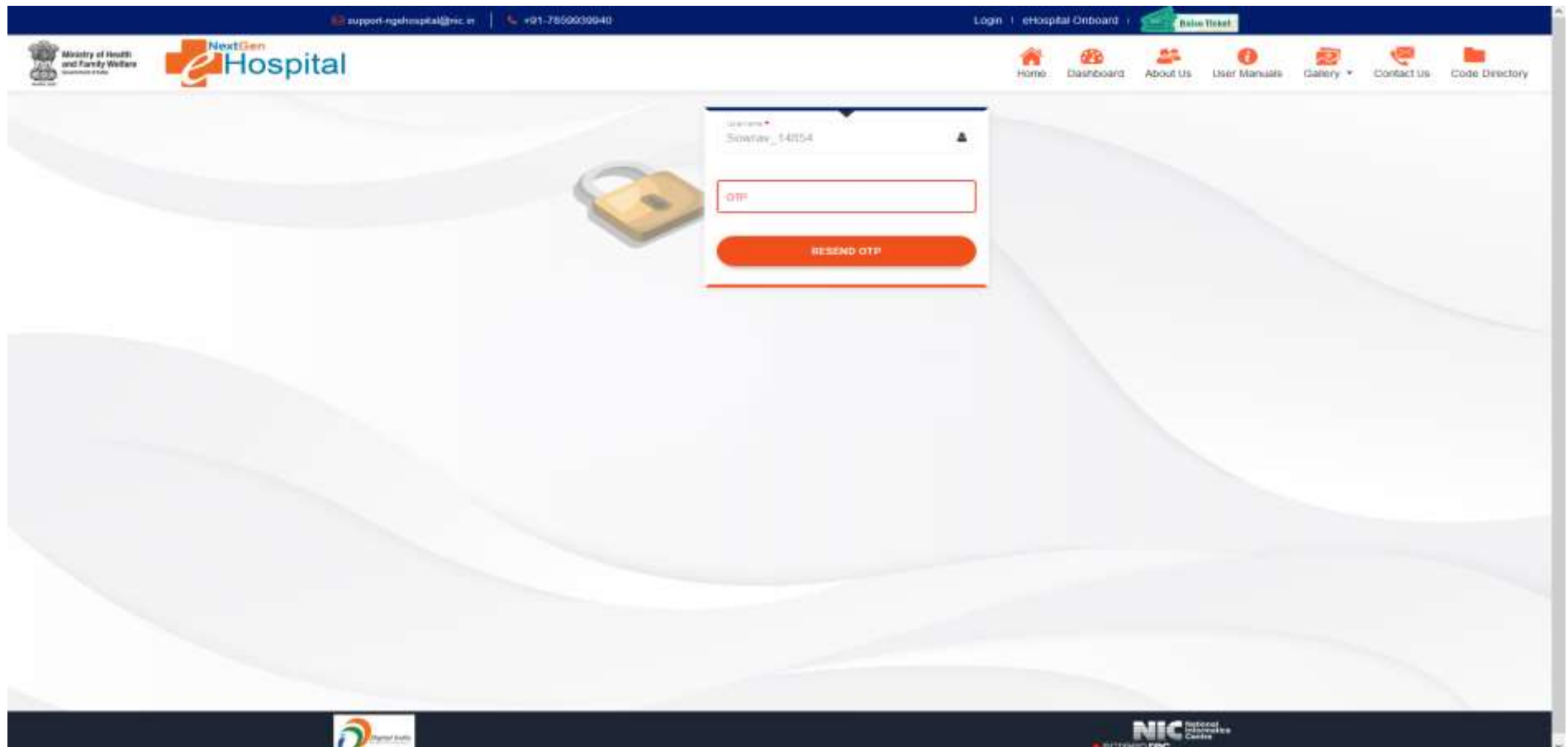


Figure 3

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 health facility has selected OPD Module.

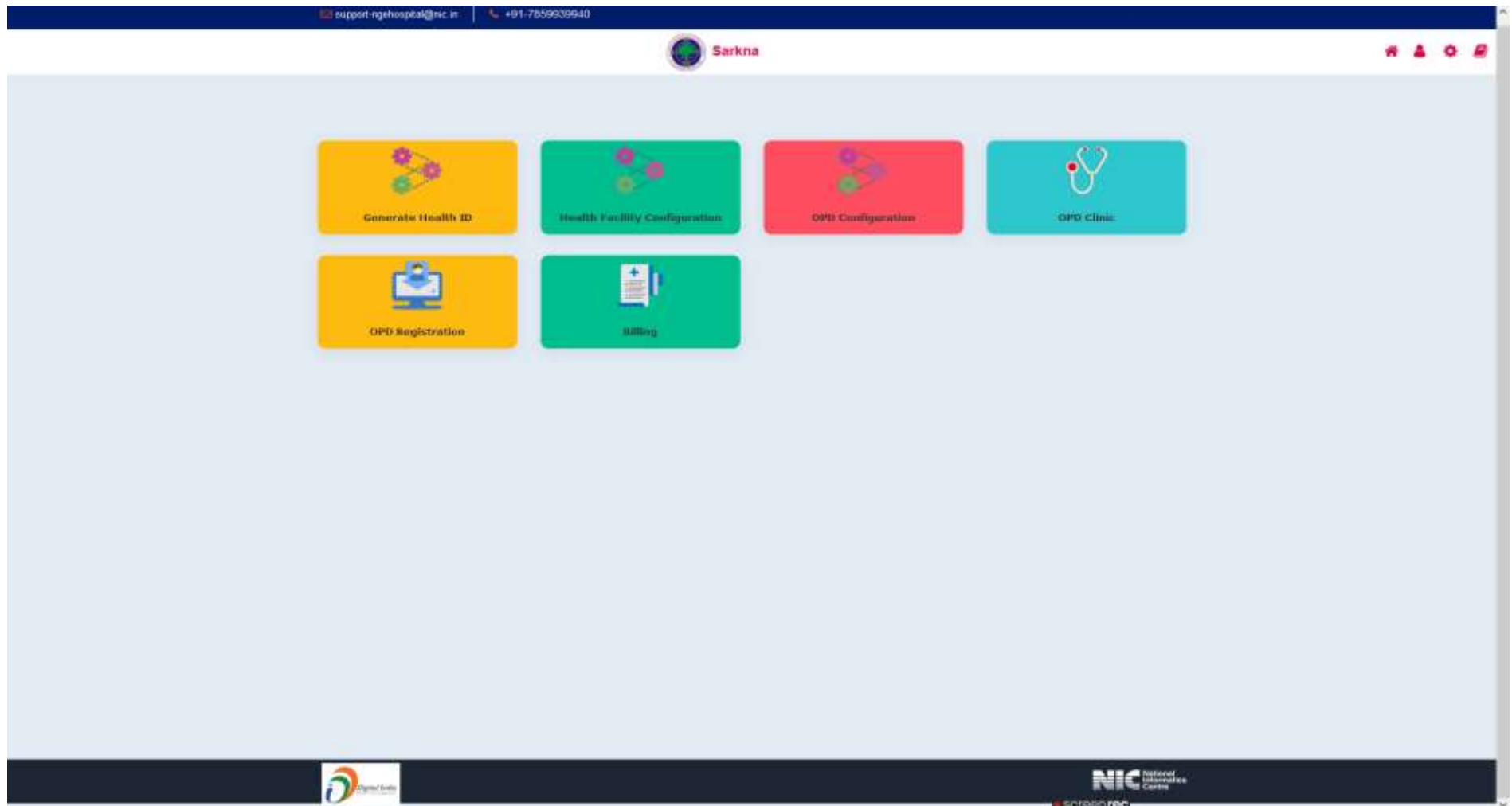
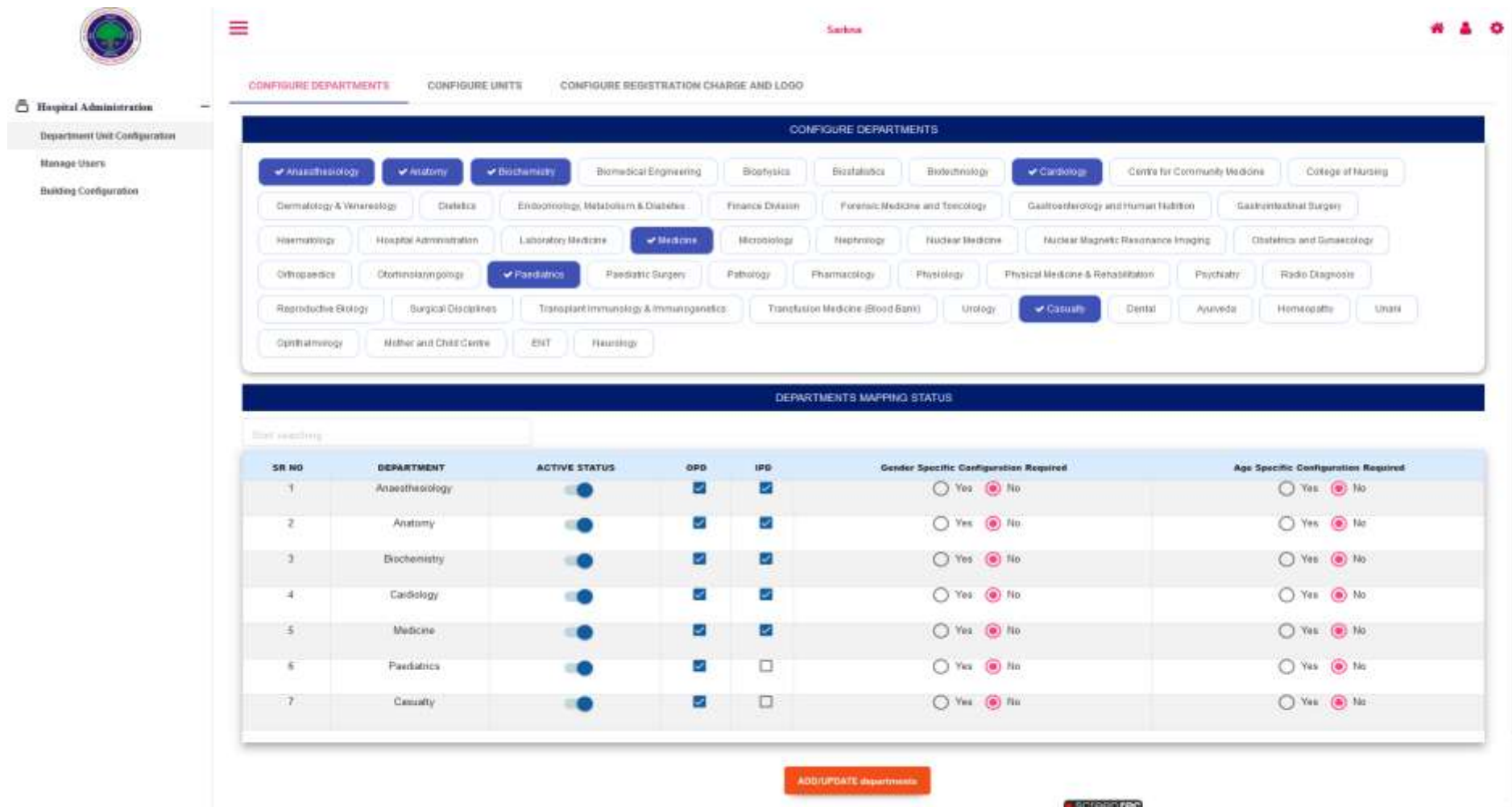


Figure 4

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.



CONFIGURE DEPARTMENTS

☒ Anaesthesiology
 ☒ Anatomy
 ☒ Biochemistry
 Biomedical Engineering
 Biophysics
 Biostatistics
 Biotechnology
 ☒ Cardiology
 Centre for Community Medicine
 College of Nursing

Dermatology & Venereology
 Dietetics
 Endocrinology, Metabolism & Diabetes
 Finance Division
 Forensic Medicine and Toxicology
 Gastroenterology and Human Nutrition
 Gastrointestinal Surgery

Haematology
 Hospital Administration
 Laboratory Medicine
 ☒ Medicine
 Microbiology
 Nephrology
 Nuclear Medicine
 Nuclear Magnetic Resonance Imaging
 Obstetrics and Gynaecology

Orthopaedics
 Otorhinolaryngology
 ☒ Paediatrics
 Paediatric Surgery
 Pathology
 Pharmacology
 Physiology
 Physical Medicine & Rehabilitation
 Psychiatry
 Radio Diagnosis

Reproductive Biology
 Surgical Disciplines
 Transplant Immunology & Immunogenetics
 Transfusion Medicine (Blood Bank)
 Urology
 ☒ Casualty
 Dental
 Ayurveda
 Homeopathy
 Unani

Ophthalmology
 Mother and Child Centre
 ENT
 Radiology

DEPARTMENTS MAPPING STATUS

Start searching

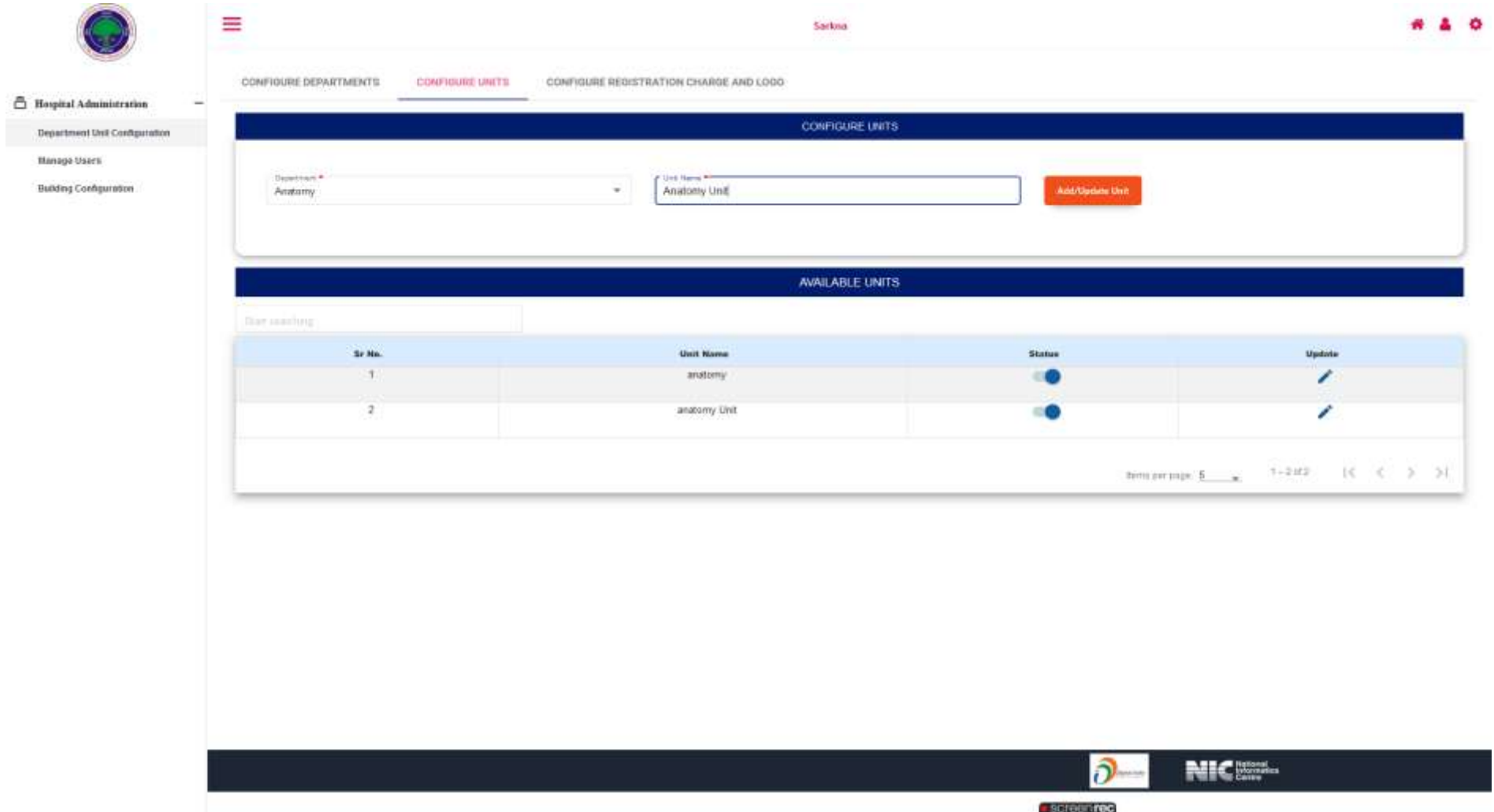
| SR NO | DEPARTMENT | ACTIVE STATUS | OPD | IPD | Gender Specific Configuration Required | Age Specific Configuration Required |
|-------|-----------------|-------------------------------------|-------------------------------------|-------------------------------------|---|---|
| 1 | Anaesthesiology | <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 |

ADD/UPDATE departments

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 LODG



CONFIGURE UNITS

Department: Unit Name:

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 [< >]

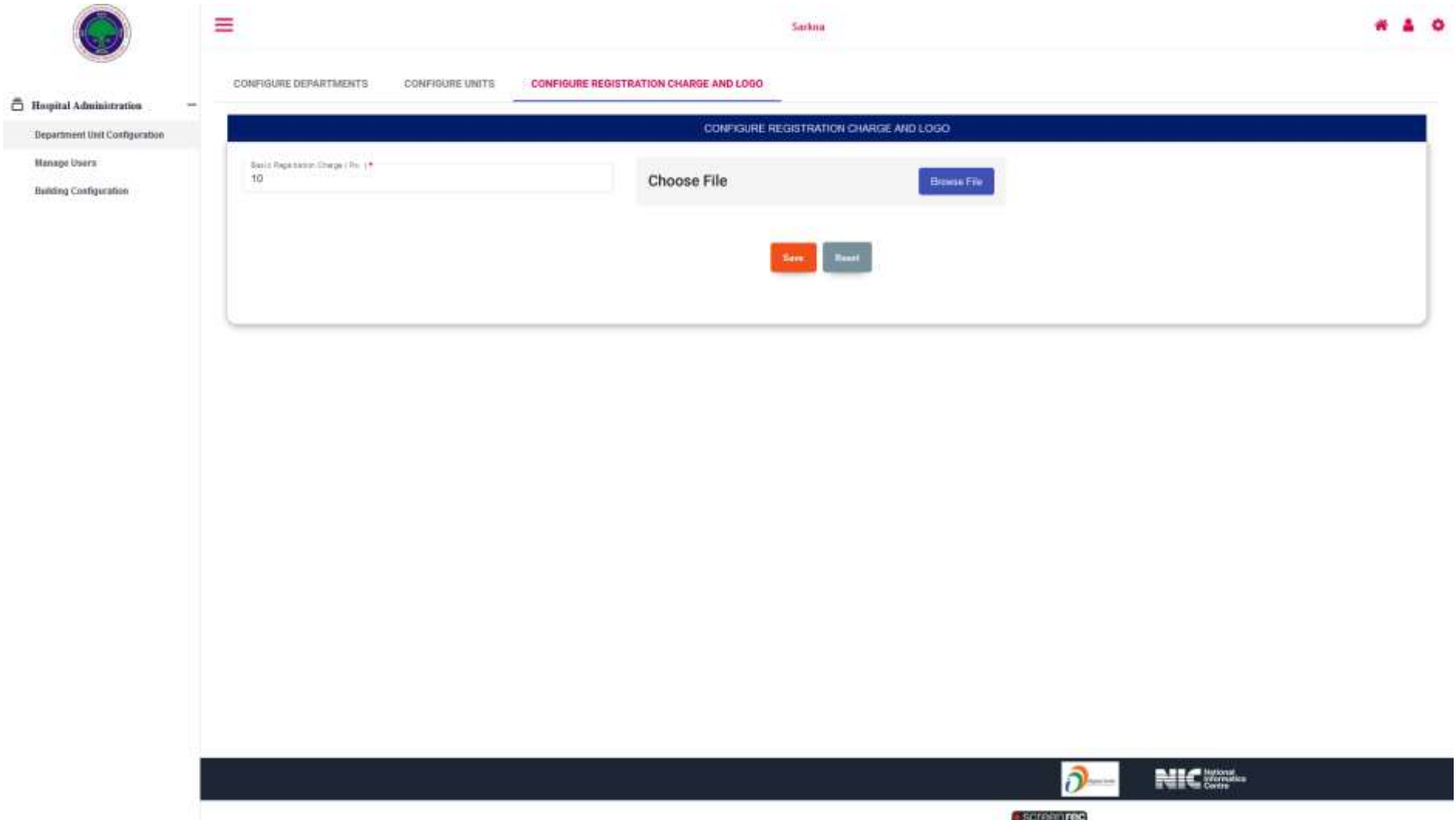



SCREENREC

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.

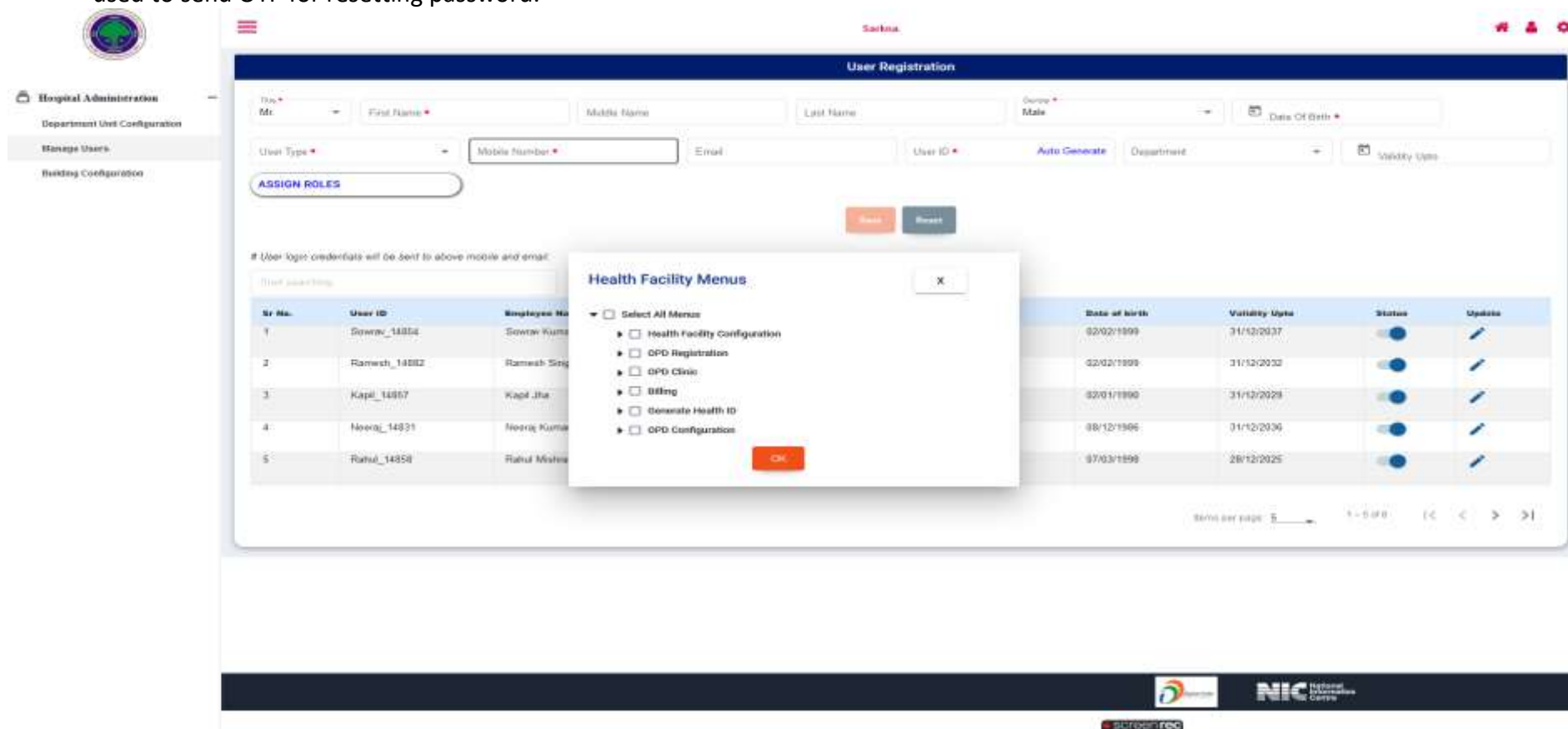


The screenshot displays the 'Configure Registration Charge and Logo' interface within the NextGen Hospital system. The interface is divided into a left sidebar and a main content area. The sidebar, under the 'Hospital Administration' header, lists 'Department Unit Configuration', 'Manage Users', and 'Building Configuration'. The main content area has a top navigation bar with three tabs: 'CONFIGURE DEPARTMENTS', 'CONFIGURE UNITS', and 'CONFIGURE REGISTRATION CHARGE AND LOGO'. The 'CONFIGURE REGISTRATION CHARGE AND LOGO' tab is active. Below the navigation bar, the main content area is titled 'CONFIGURE REGISTRATION CHARGE AND LOGO'. It contains a form with two main sections. The first section, 'Basic Registration Charge / Rs.', has a text input field with the value '10'. The second section, 'Choose File', features a 'Browse File' button. Below these sections are two buttons: 'Save' (orange) and 'Reset' (grey). The footer of the interface includes 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.



User Registration

First Name: [] Middle Name: [] Last Name: [] Gender: [Male] Date Of Birth: []

User Type: [] Mobile Number: [] Email: [] User ID: [Auto Generate] Department: [] Validity Upto: []

ASSIGN ROLES

Health Facility Menu

☐ Select All Menus

- ☐ Health Facility Configuration
- ☐ OPD Registration
- ☐ OPD Clinic
- ☐ Billing
- ☐ Generate Health ID
- ☐ OPD Configuration

Table of Registered Users:

| Sr No. | User ID | Employee Name | Date of Birth | Validity Upto | Status | Update |
|--------|--------------|---------------|---------------|---------------|-------------------------------------|----------------------|
| 1 | Sowar_14854 | Sowar Kuma | 02/02/1999 | 31/12/2037 | <input checked="" type="checkbox"/> | Edit |
| 2 | Ramesh_14852 | Ramesh Sing | 02/02/1999 | 31/12/2032 | <input checked="" type="checkbox"/> | Edit |
| 3 | Kapil_14857 | Kapil Jha | 02/01/1990 | 31/12/2029 | <input checked="" type="checkbox"/> | Edit |
| 4 | Neeraj_14831 | Neeraj Kuma | 08/12/1996 | 31/12/2036 | <input checked="" type="checkbox"/> | Edit |
| 5 | Rahul_14858 | Rahul Mishra | 07/03/1998 | 28/12/2025 | <input checked="" type="checkbox"/> | Edit |

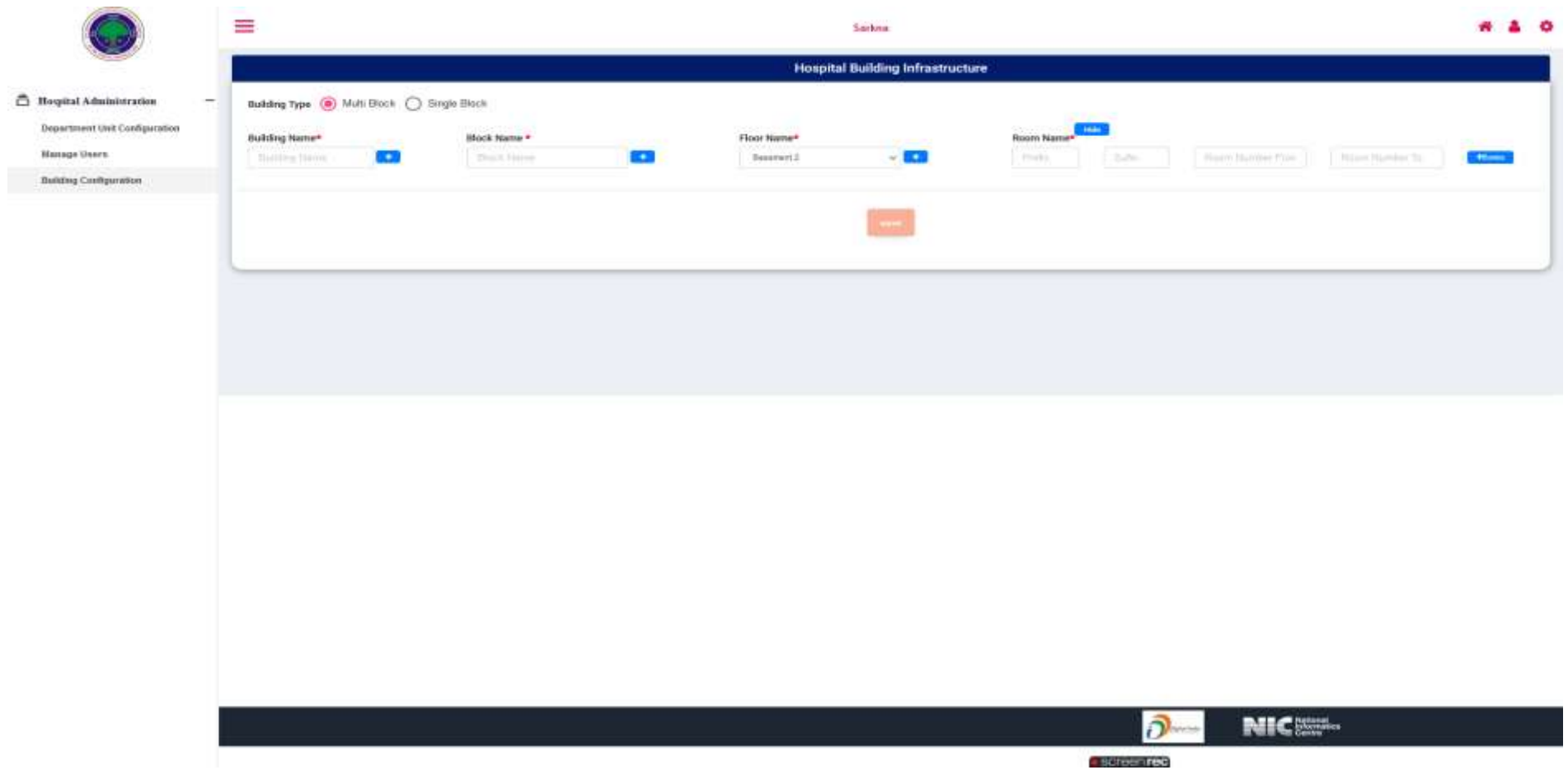
Figure 8

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



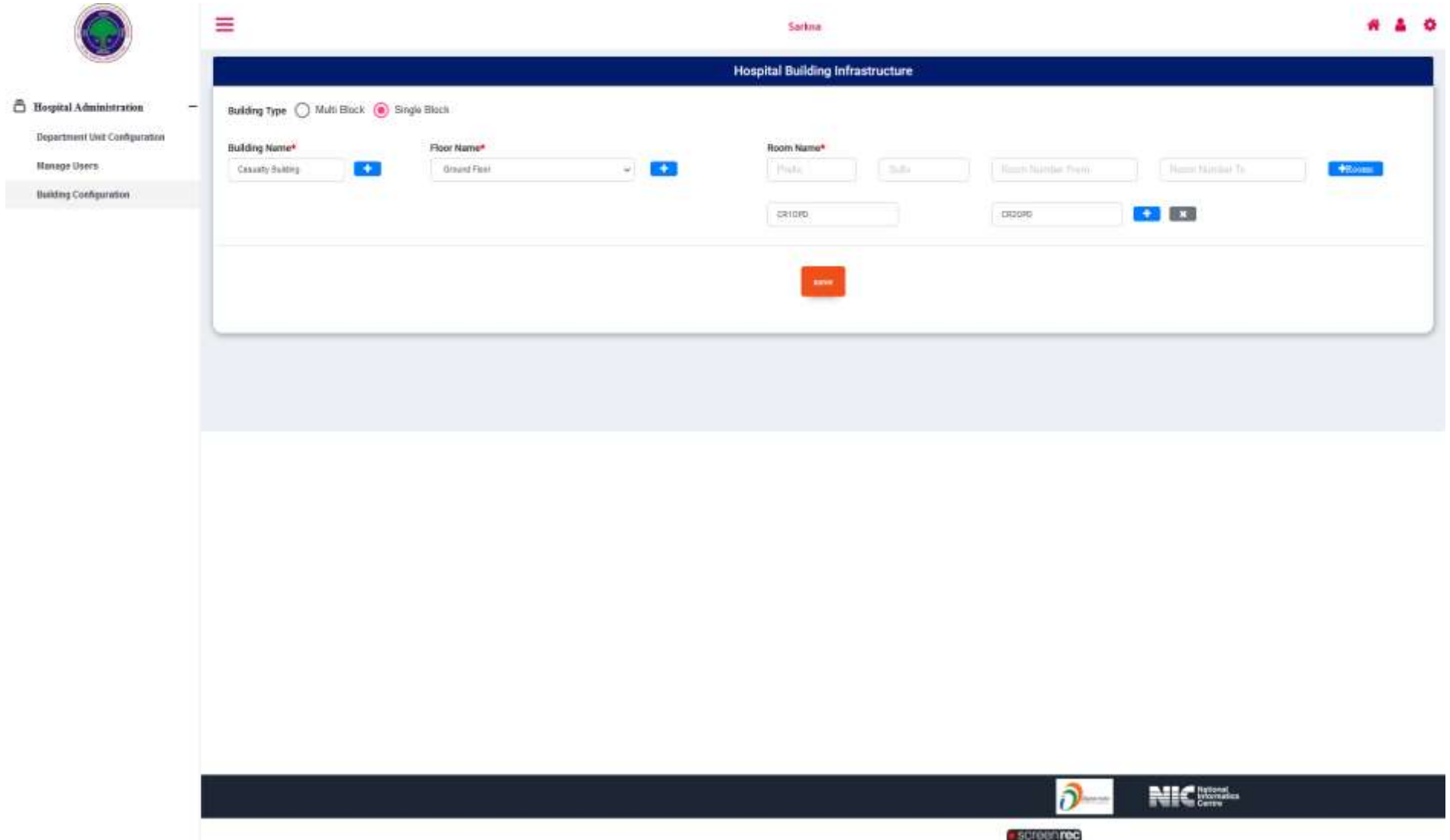
The screenshot displays the 'Hospital Building Infrastructure' configuration interface. On the left, a sidebar menu includes 'Hospital Administration', 'Department Unit Configuration', 'Manage Users', and 'Building Configuration'. The main content area has a header 'Hospital Building Infrastructure' and a form with the following elements:

- Building Type:** Radio buttons for 'Multi Block' (selected) and 'Single Block'.
- Building Name:** A text input field with a '+' button.
- Block Name:** A text input field with a '+' button.
- Floor Name:** A dropdown menu with a '+' button.
- Room Name:** A text input field with a '+' button.
- Room Number From:** A text input field.
- Room Number To:** A text input field with a '+' button.
- Save:** An orange button at the bottom center.

The footer of the page includes logos for 'Digital India', 'NIC National Informatics Centre', and a 'Screen FOC' label.

Figure 9

✓ Single Block



Hospital Building Infrastructure

Building Type: ☐ Multi Block ☒ Single Block

Building Name*
Casualty Building +

Floor Name*
Ground Floor +

Room Name*
Prefix: Suffix: Room Number Prefix: Room Number Suffix: +Save

CR1010 CR1010 + X

Save

Figure 10



Ministry of Health
and Family Welfare
Government of India



User Manual

NextGen eHospital



Ministry of Health
and Family Welfare
Government of India



OPD Registration

DOCUMENT RELEASE NOTE:

OPD Registration

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

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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.

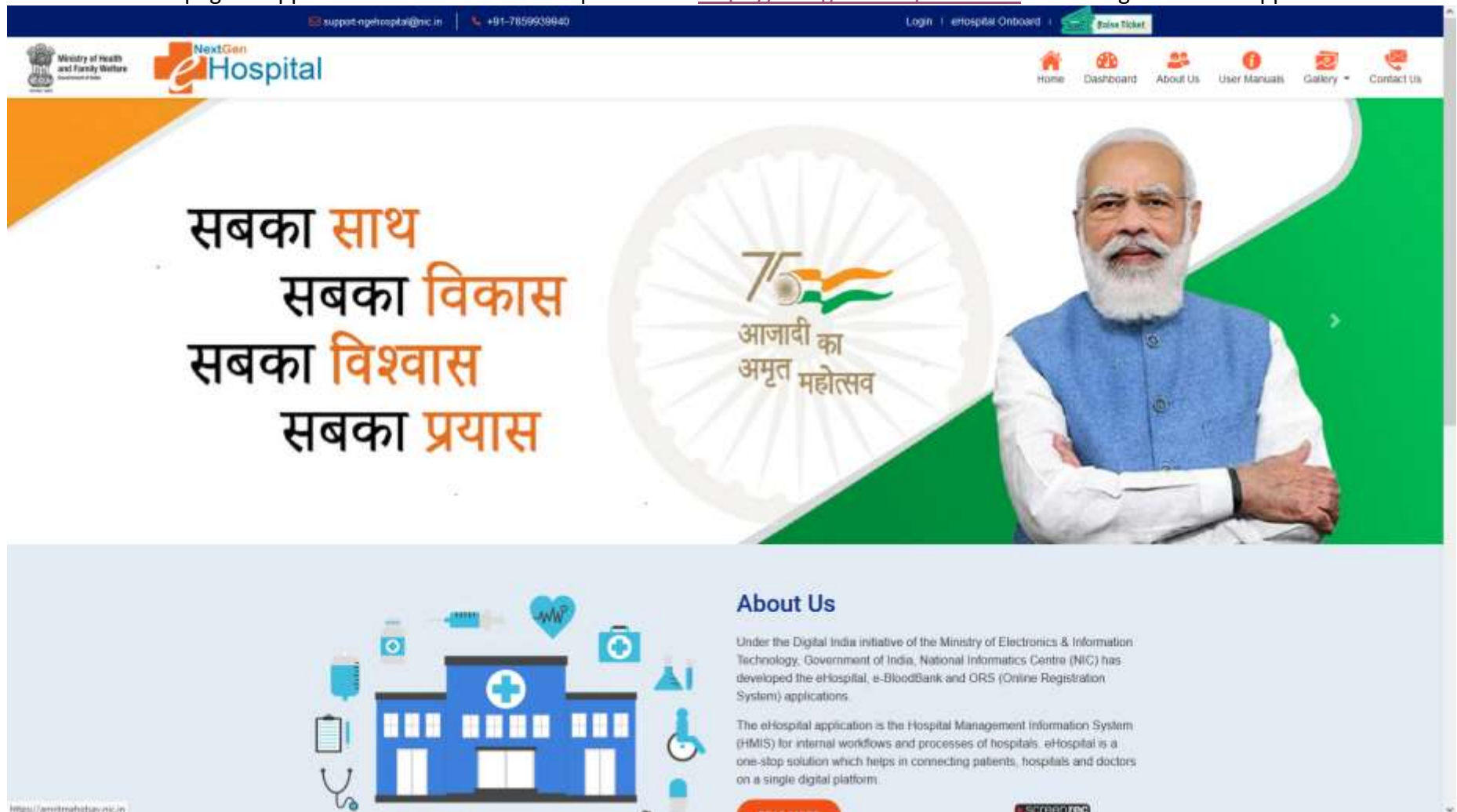


Figure 1

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.

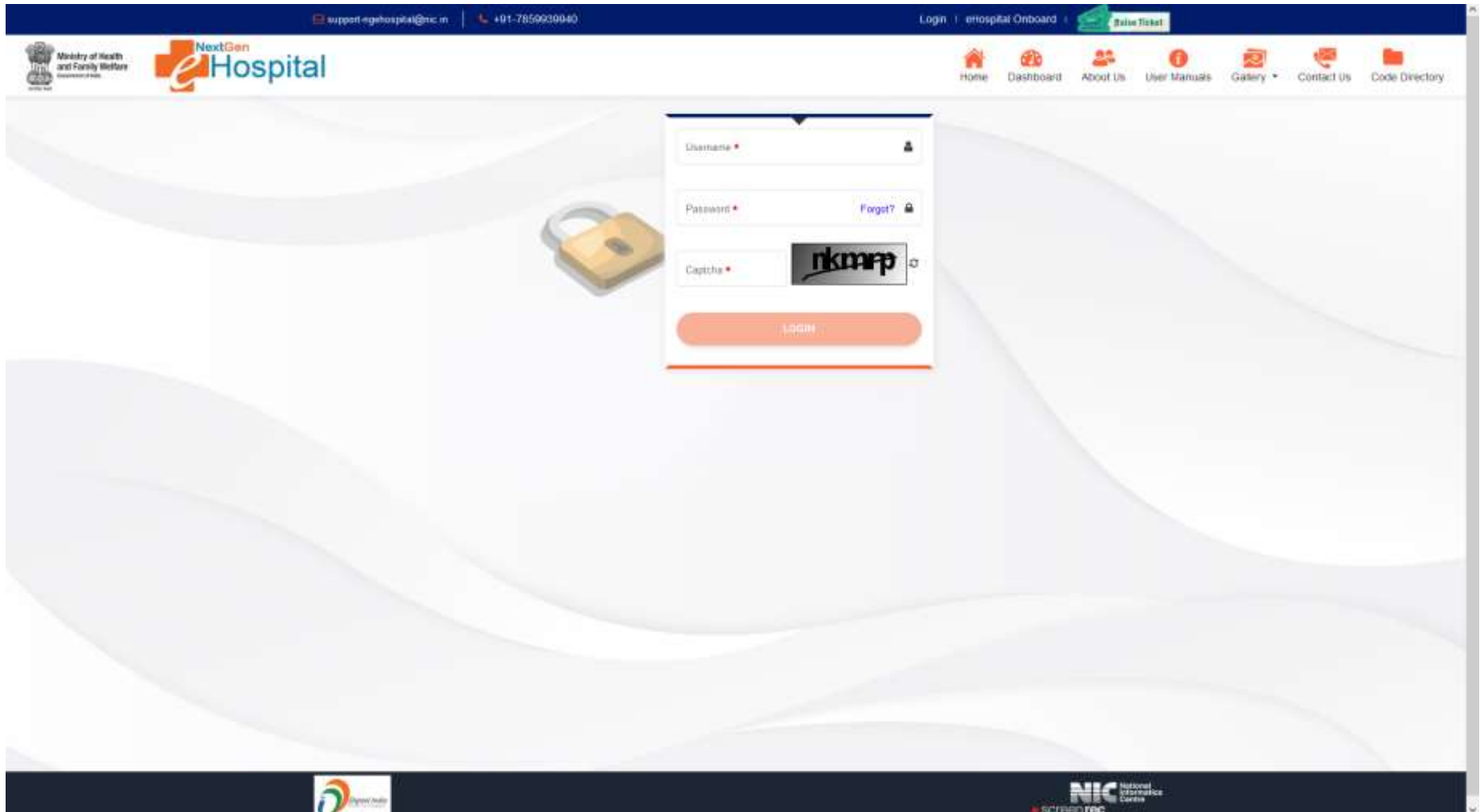


Figure 2

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.

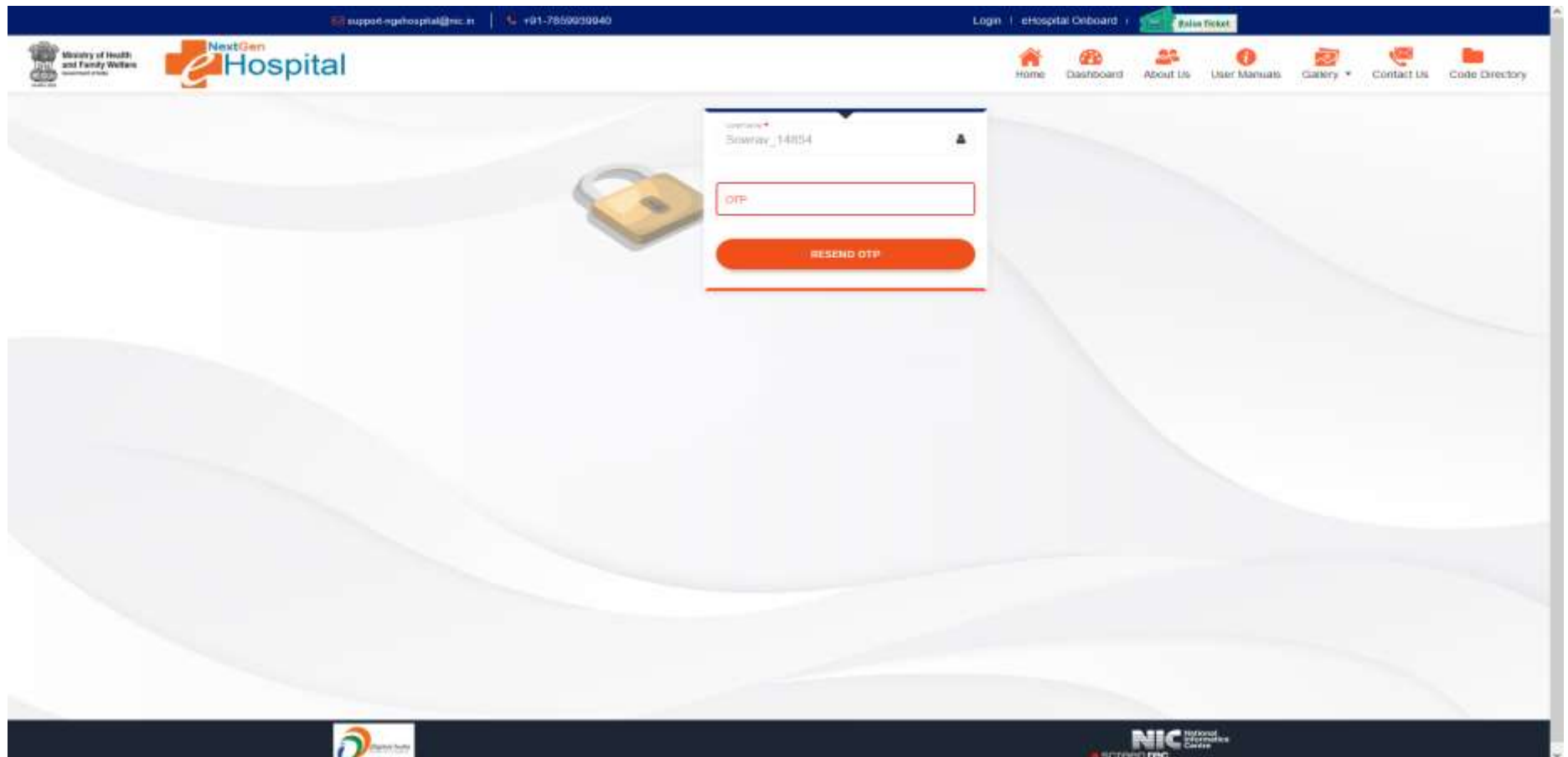


Figure 2

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.

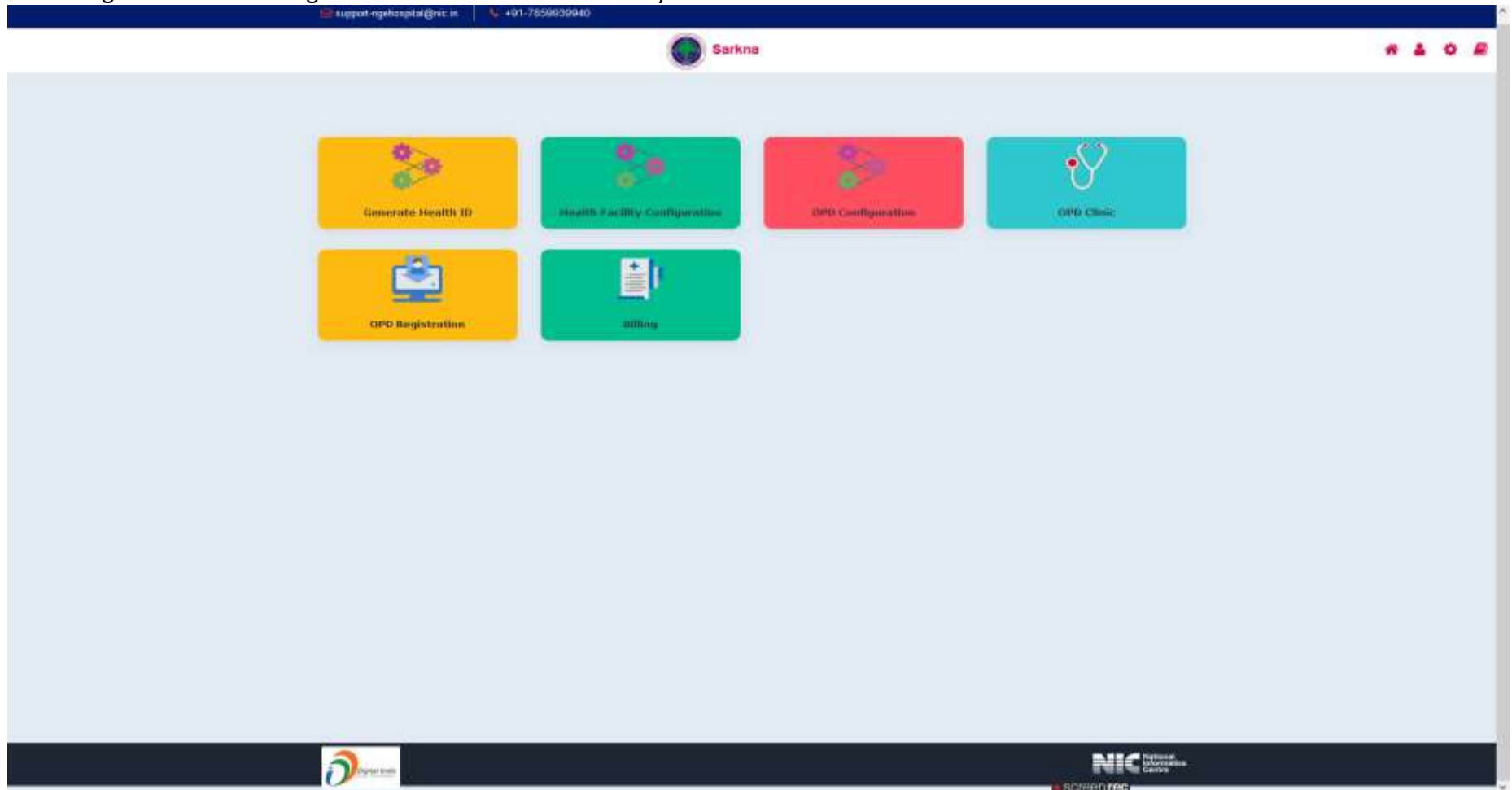


Figure 4

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.

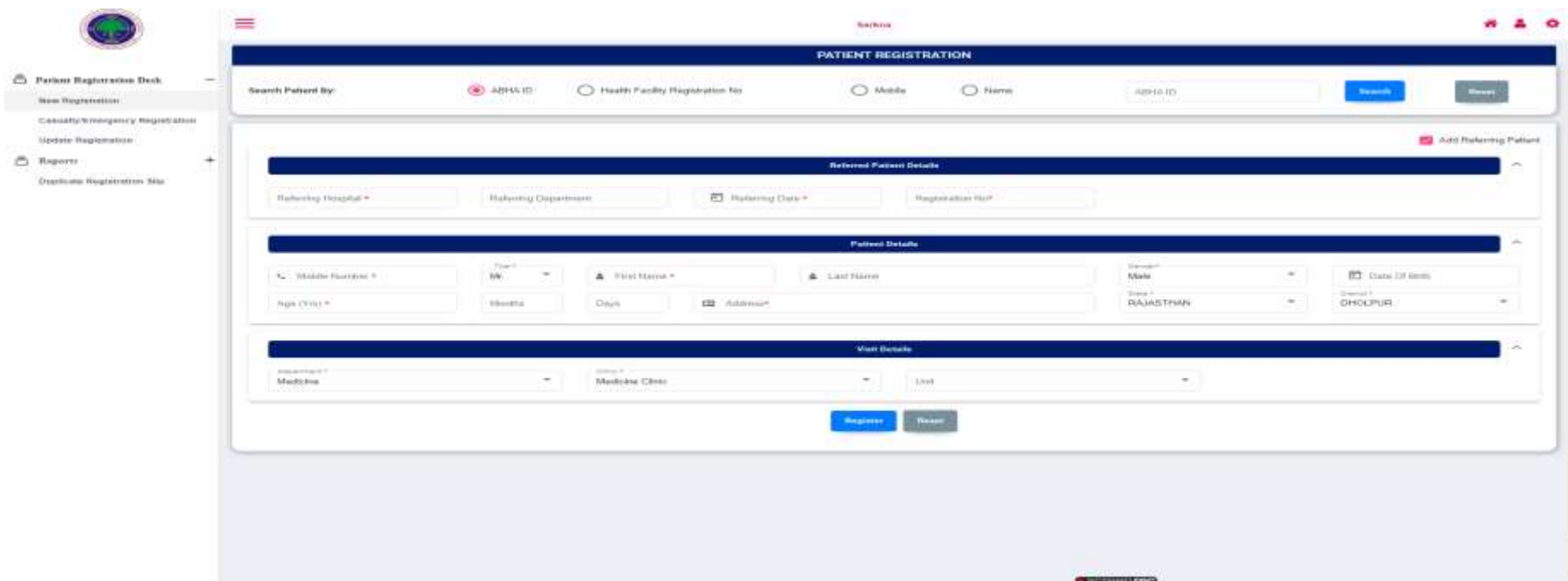



Figure 3




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.



Sarkna

CASUALTY PATIENT REGISTRATION

Patient Registration Desk

New Registration

Casualty/Emergency Registration

Update Registration

Reports

Duplicate Registration Slip

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

☒ Add Referring Patient ☒ MLC Patient

Referred Patient Details

Patient Casualty Information

Unknown Patient

Brought By

Brought By Name

Brought Date

Is MLC Number

Police Station

Patient Details

Title

First Name

Last Name

Gender

Date Of Birth

Age in Yrs

Months

Days

Address

State

District

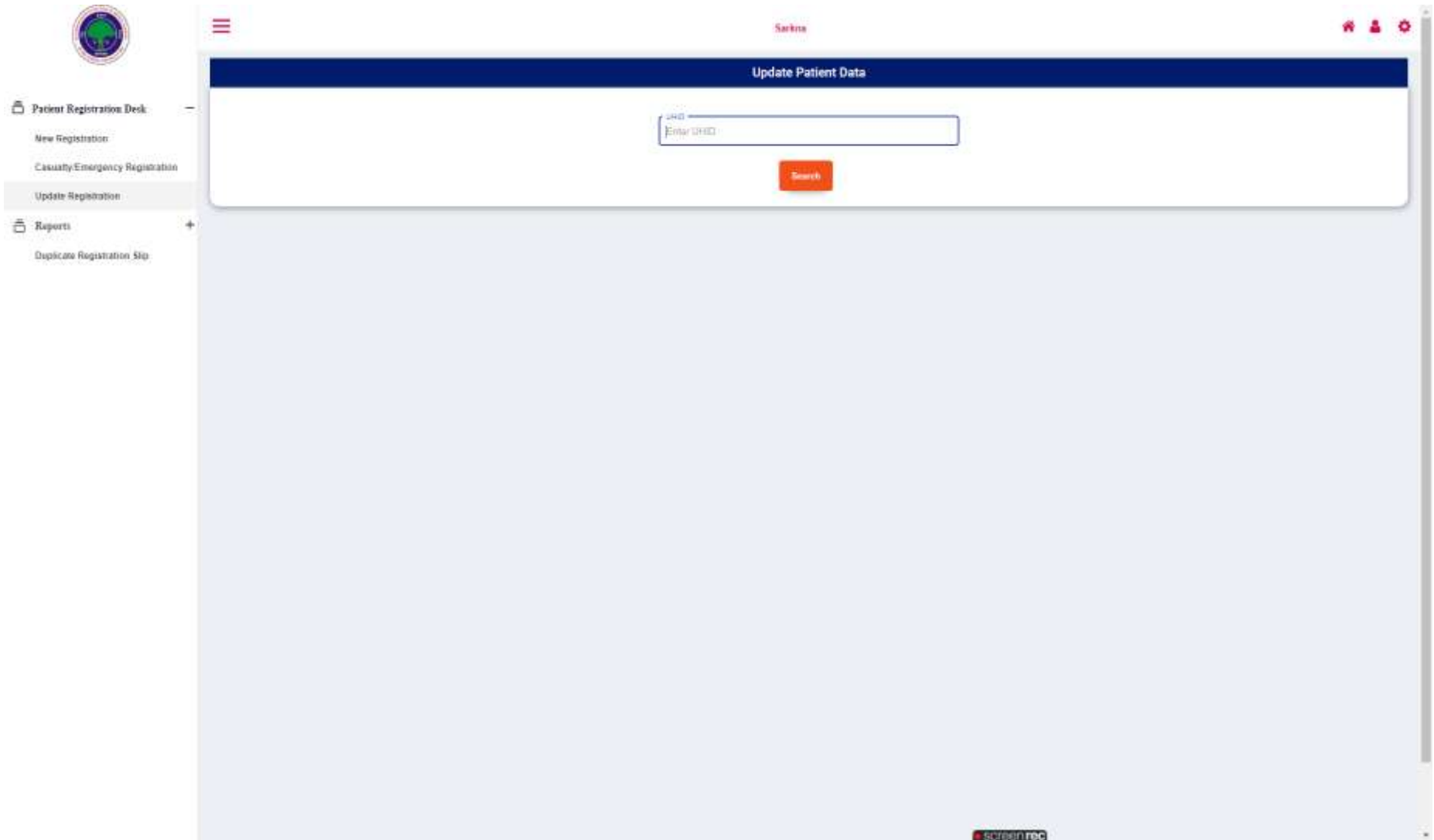
Visit Details

Department

Clinic

Figure 6

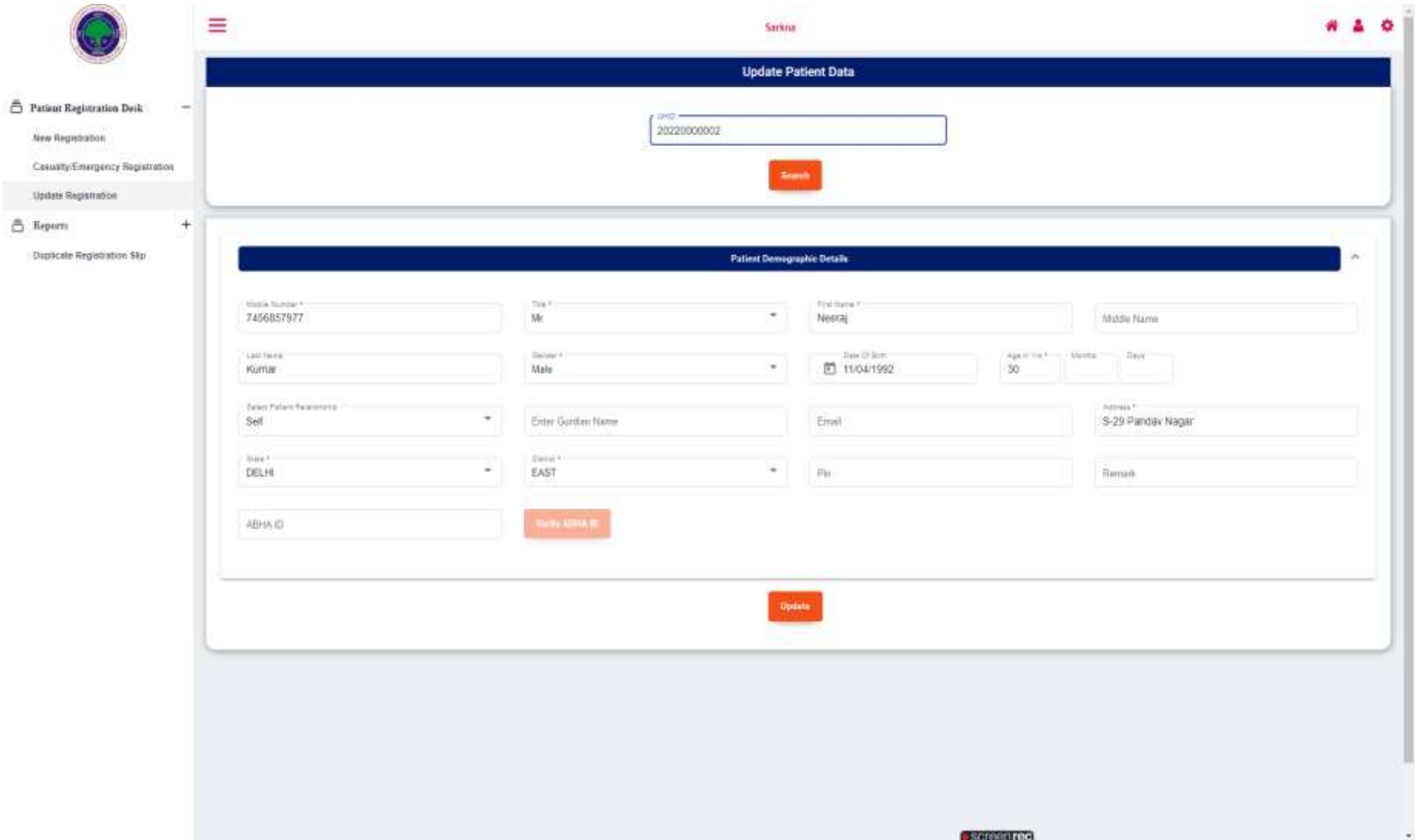
8. **Update Registration:** In Update Registration user can update the details of patient by using their UHID.
- ✓ Fill the Update Patient Data: Enter the UHID.
 - ✓ Click on the Search Button.



The screenshot displays a web application interface for updating patient data. On the left, a sidebar menu is visible with the following items: 'Patient Registration Desk', 'New Registration', 'Casualty/Emergency Registration', 'Update Registration' (which is highlighted), 'Reports', and 'Duplicate Registration Slip'. The main content area is titled 'Update Patient Data' and features a text input field labeled 'UHID' with the placeholder text 'Enter UHID'. Below the input field is an orange 'Search' button. The interface also includes a top navigation bar with a 'Sarkna' label and a user profile icon. A 'screen-rec' watermark is present in the bottom right corner of the application window.

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.



Update Patient Data

OPD: 20220000002

Search

Patient Demographic Details

Mobile Number * 7456857977

Title * Mr

First Name * Neeraj

Middle Name

Last Name Kumar

Gender * Male

Date Of Birth 11/04/1992

Age in Yrs * 30

Months

Days

Select Patient Relationship Self

Enter Guardian Name

Email

Address * S-29 Pandav Nagar

State * DELHI

District * EAST

Pin

Remark

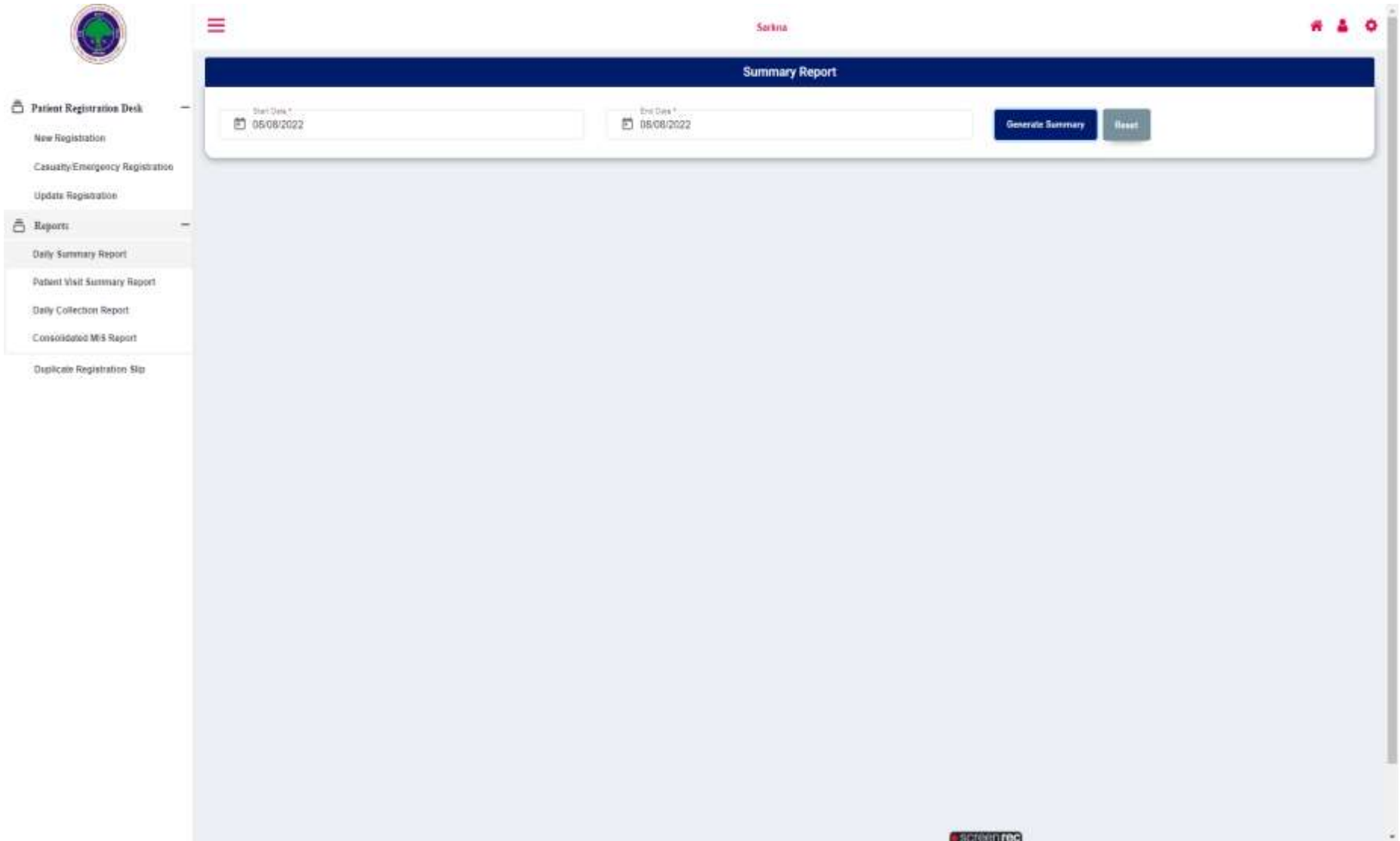
ABHA ID

Verify ABHA ID

Update

Figure 8

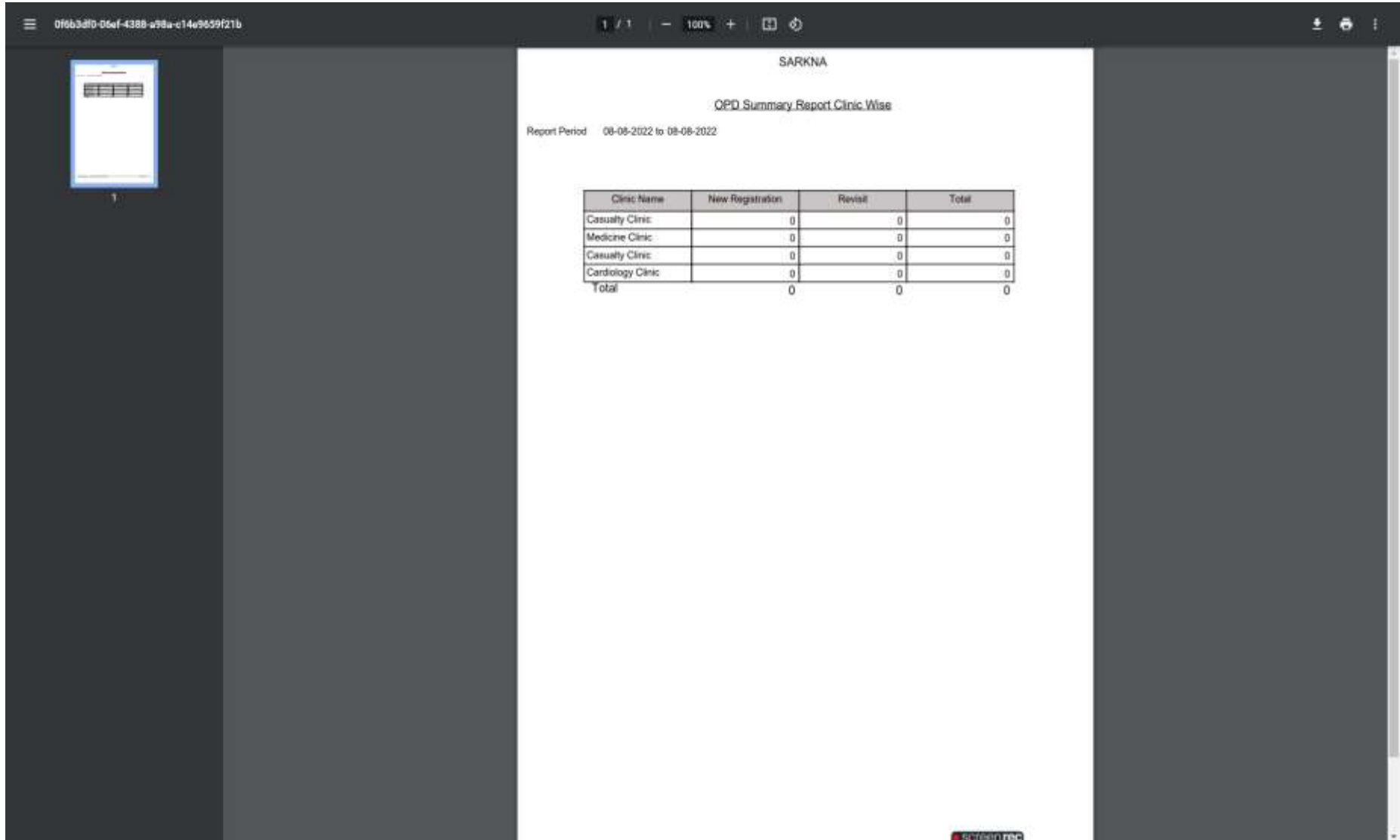
9. **Patient Summary Report:** This report display patient count (New and Revisit) in a particular clinic.
✓ Click on Patient Summary Report.



The screenshot shows the 'Patient Summary Report' interface. On the left is a sidebar with a 'Patient Registration Desk' section containing 'New Registration', 'Casualty/Emergency Registration', and 'Update Registration'. Below this is a 'Reports' section with 'Daily Summary Report' (highlighted), 'Patient Visit Summary Report', 'Daily Collection Report', 'Consolidated MIS Report', and 'Duplicate Registration Slip'. The main area has a header 'Summary Report' and a sub-header 'Sarkna'. It features two date pickers: 'Start Date *' with '05/08/2022' and 'End Date *' with '05/08/2022'. To the right are 'Generate Summary' and 'Reset' buttons. The main content area is empty. A 'screen REC' watermark is visible at the bottom right.

Figure 9

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



SARKNA

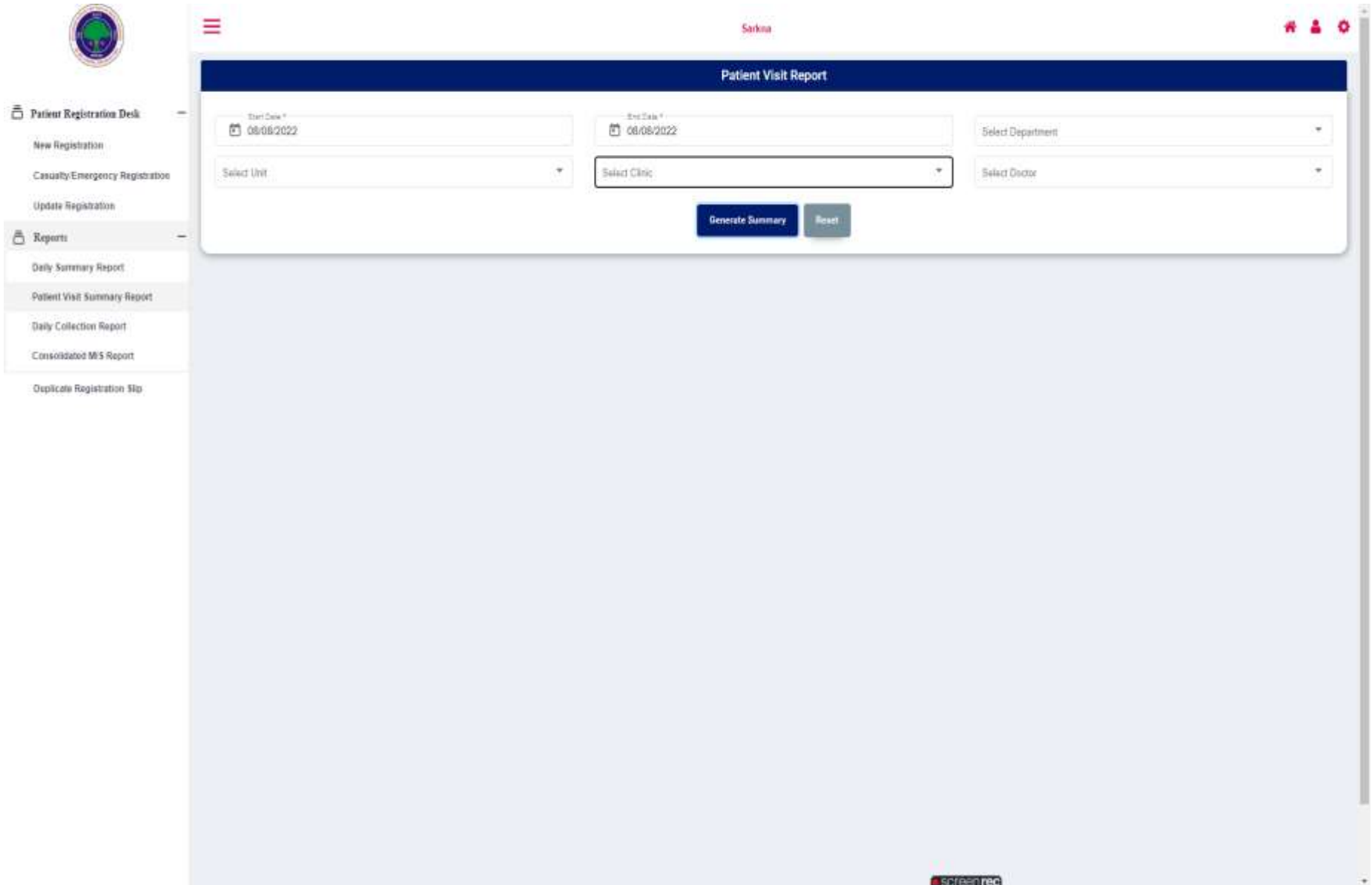
OPD Summary Report Clinic Wise

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 |

Figure 10

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



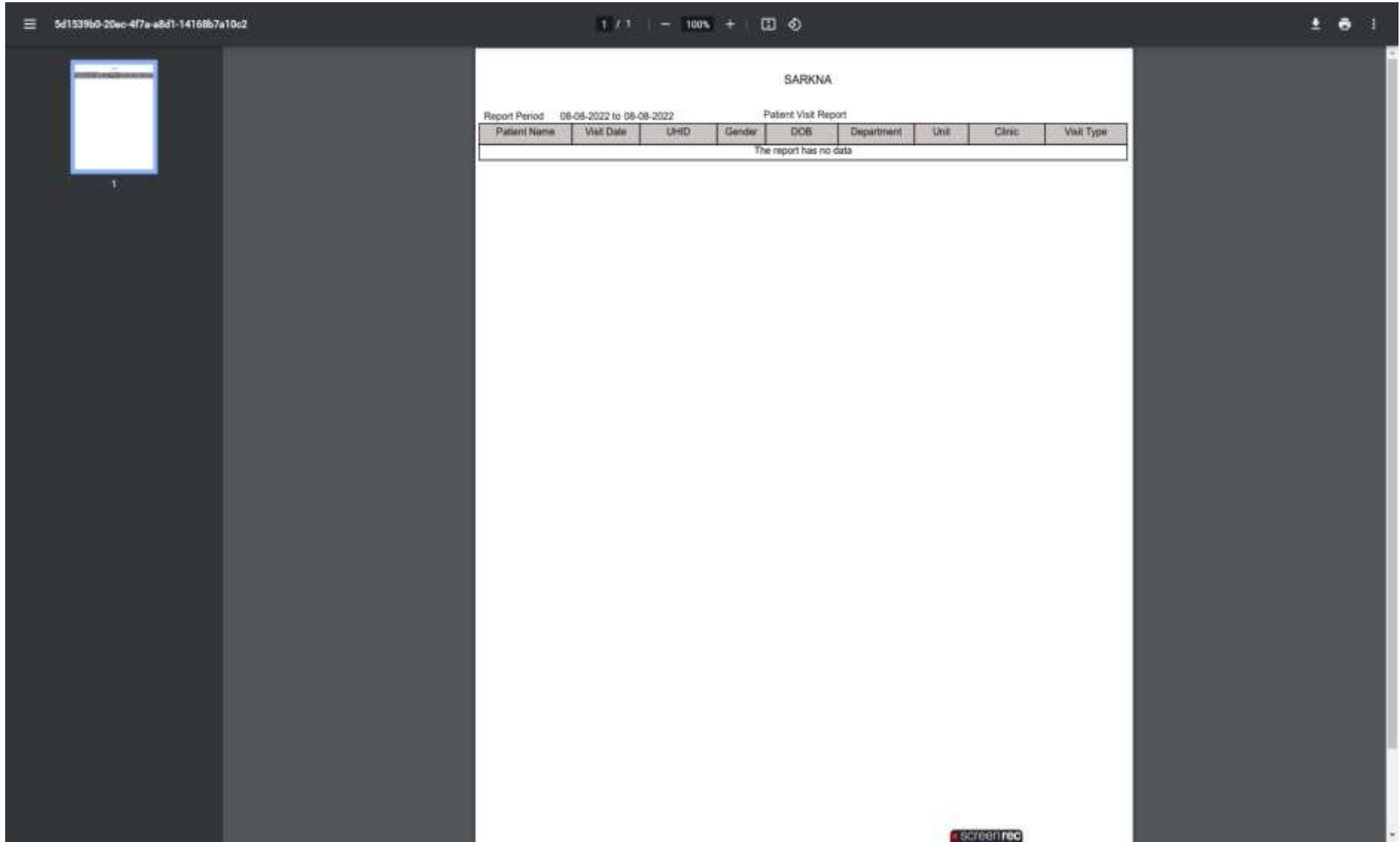
The screenshot displays the 'Patient Visit Report' interface. On the left, a sidebar contains a 'Patient Registration Desk' section with options for 'New Registration', 'Casualty/Emergency Registration', and 'Update Registration'. Below this is a 'Reports' section with options for 'Daily Summary Report', 'Patient Visit Summary Report', 'Daily Collection Report', 'Consolidated MIS Report', and 'Duplicate Registration Slip'. The main content area is titled 'Patient Visit Report' and features a filter section with the following elements:

- Start Date:** A date picker set to 08/08/2022.
- End Date:** A date picker set to 08/08/2022.
- Select Department:** A dropdown menu.
- Select Unit:** A dropdown menu.
- Select Clinic:** A dropdown menu.
- Buttons:** 'Generate Summary' (blue) and 'Reset' (grey).

The interface also shows a user profile 'Sarkna' at the top right and a 'screen rec' watermark at the bottom right.

Figure 11

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



SARKNA

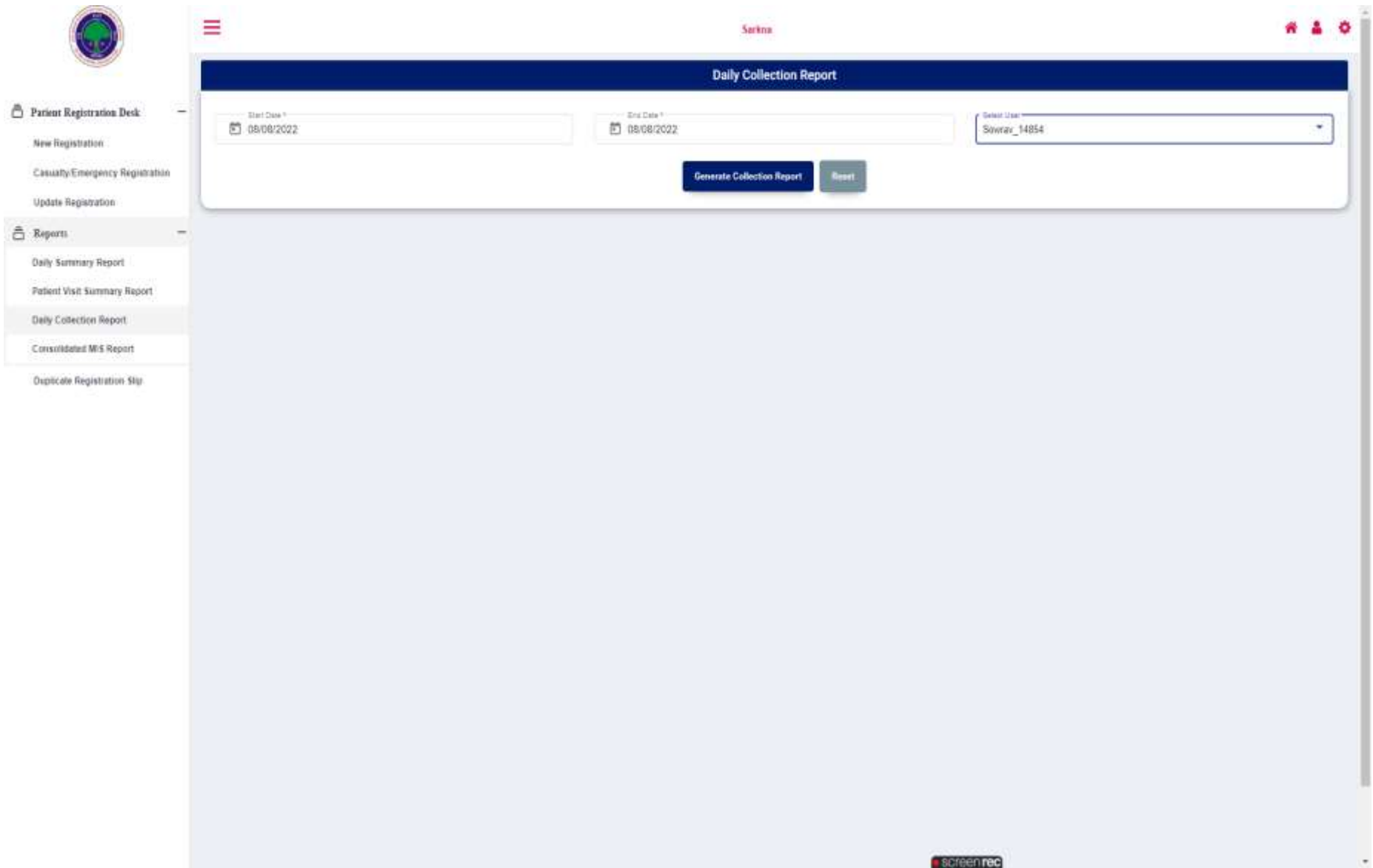
Report Period: 08-08-2022 to 08-08-2022 Patient Visit Report

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

Figure 12

11. User Wise Collection Report: This report display Daily Collection Report.

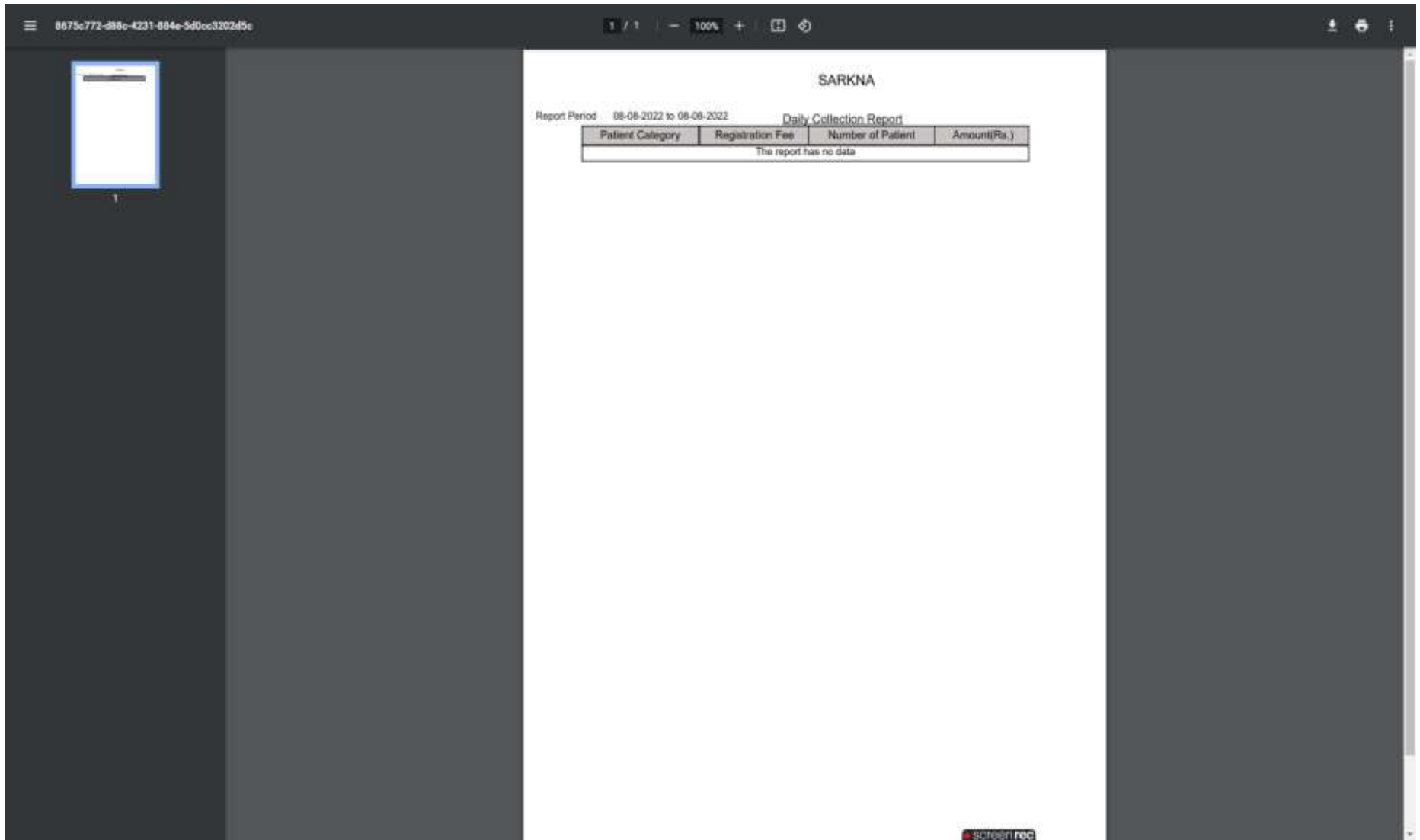
- ✓ Click on Patient Summary report.



The screenshot displays the 'Daily Collection Report' interface. On the left, a sidebar contains a 'Patient Registration Desk' section with options for 'New Registration', 'Casualty/Emergency Registration', and 'Update Registration'. Below this is a 'Reports' section with options for 'Daily Summary Report', 'Patient Visit Summary Report', 'Daily Collection Report' (which is highlighted), 'Consolidated MIS Report', and 'Duplicate Registration Slip'. The main area of the form has a dark blue header with the title '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 'Srinivas_14854'. At the bottom of these fields are two buttons: 'Generate Collection Report' and 'Reset'. The entire interface is set against a light blue background.

Figure 13

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



SARKNA

Report Period: 08-08-2022 to 08-08-2022 Daily Collection Report

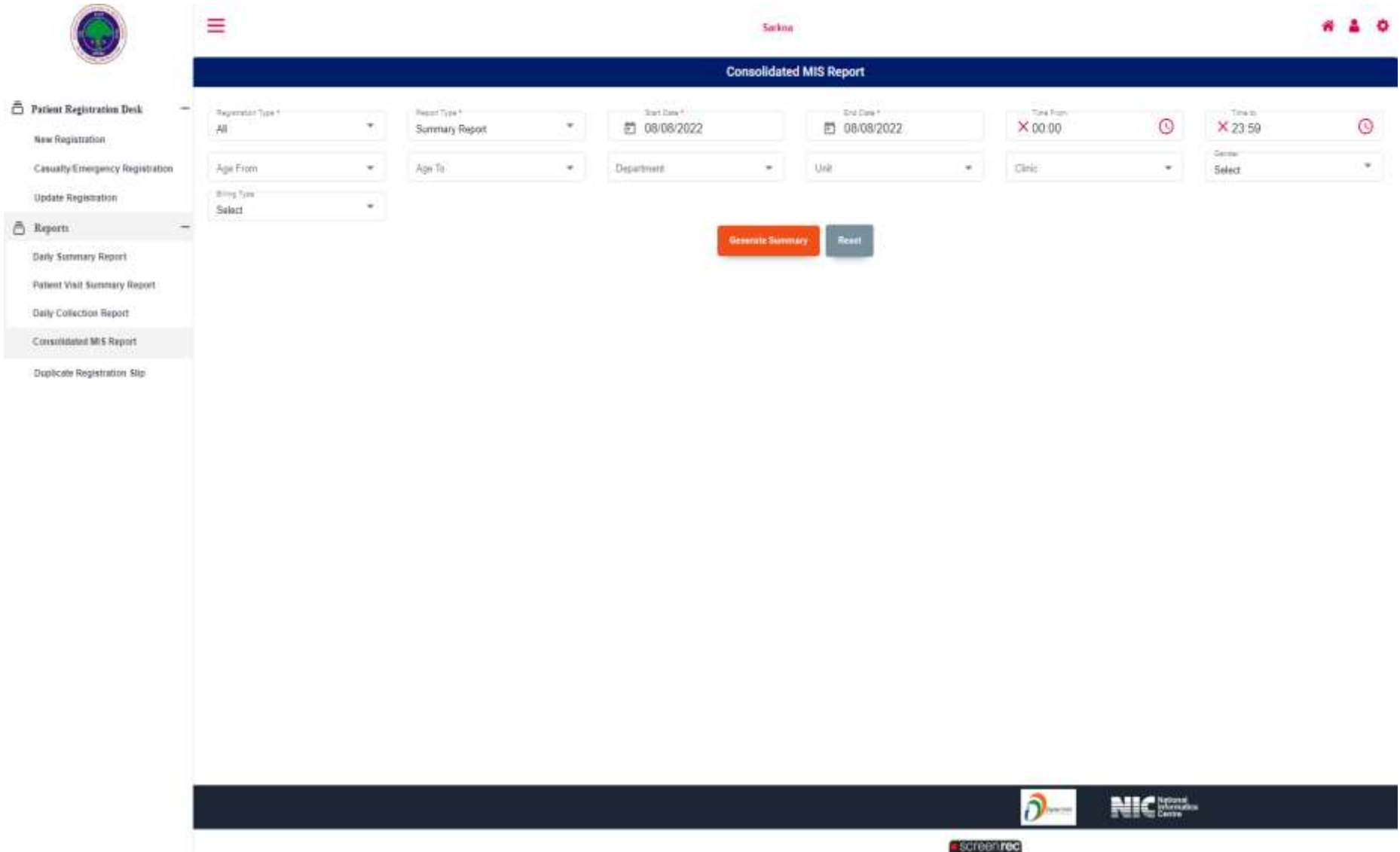
| Patient Category | Registration Fee | Number of Patient | Amount(Rs.) |
|------------------------|------------------|-------------------|-------------|
| The report has no data | | | |

screen rec

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' form in the NextGen Hospital system. The form is titled 'Consolidated MIS Report' and is located under the 'Reports' section of the 'Patient Registration Desk'.

The form includes the following fields and options:

- Registration Type:** A dropdown menu with 'All' selected.
- Report Type:** A dropdown menu with 'Summary Report' selected.
- Start Date:** A date picker showing '08/08/2022'.
- End Date:** A date picker showing '08/08/2022'.
- Time From:** A time picker showing 'X 00:00'.
- Time To:** A time picker showing 'X 23:59'.
- Age From:** A dropdown menu with 'Select' selected.
- Age To:** A dropdown menu with 'Select' selected.
- Department:** A dropdown menu with 'Select' selected.
- Unit:** A dropdown menu with 'Select' selected.
- Clinic:** A dropdown menu with 'Select' selected.
- Gender:** A dropdown menu with 'Select' selected.

Below the form fields, there are two buttons: 'Generate Summary' (orange) and 'Reset' (blue).

The left sidebar contains the following menu items:

- Patient Registration Desk
 - New Registration
 - Casualty/Emergency Registration
 - Update Registration
 - Reports
 - Daily Summary Report
 - Patient Visit Summary Report
 - Daily Collection Report
 - Consolidated MIS Report
 - Duplicate Registration Slip

The bottom of the screen shows the 'screenrec' logo and the 'NIC National Immunisation Centre' logo.

Figure 15

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



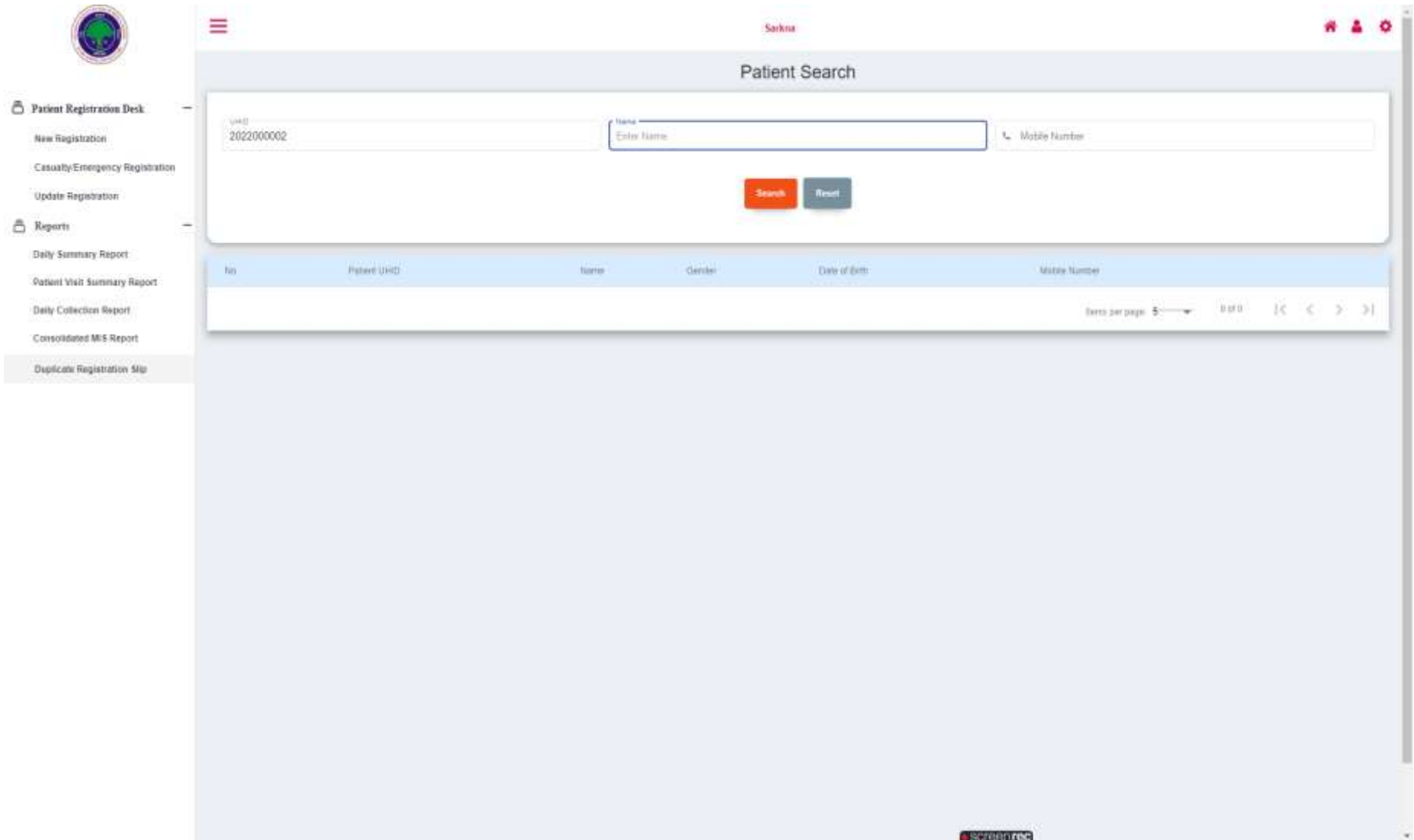
SARKNA

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 | | | | | | | |

Figure 16

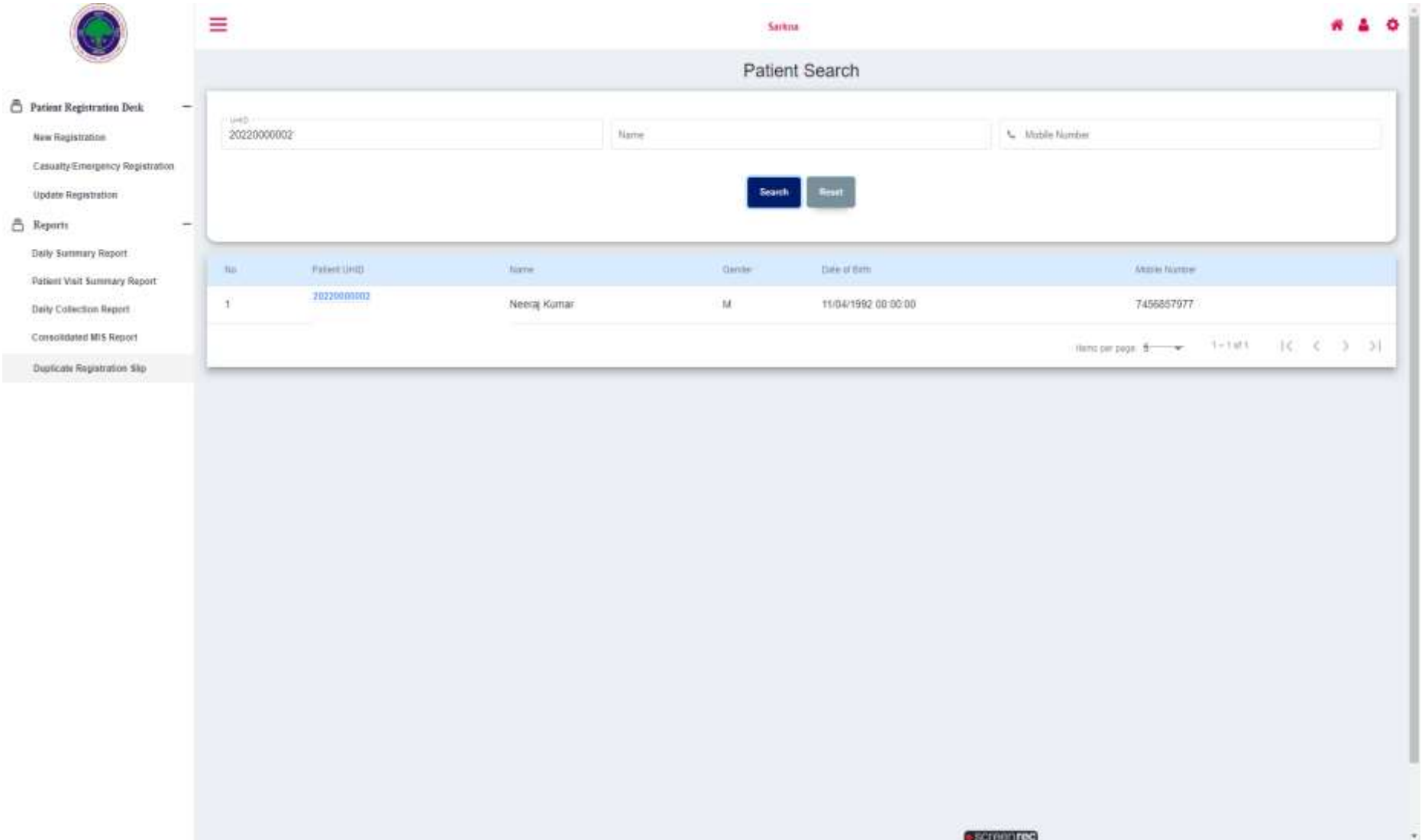
13. Duplicate Registration Slip: Duplicate Registration Slip generate by UHID, Name or Mobile Number.



The screenshot displays the 'Patient Search' interface. On the left, a sidebar contains the following menu items: Patient Registration Desk, New Registration, Casualty/Emergency Registration, Update Registration, Reports, Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, and Duplicate Registration Slip (highlighted). The main area is titled 'Patient Search' and features three input fields: UHID (containing '2022000002'), Name (with a placeholder 'Enter Name'), and Mobile Number. Below these fields are 'Search' and 'Reset' buttons. A table with the following headers is visible: S/N, Patient UHID, Name, Gender, Date of Birth, and Mobile Number. The table currently shows 0 of 0 items. At the bottom right, there is a 'screenrec' watermark.

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.



Patient Search

UHID: 20220000002 Name: Mobile Number:

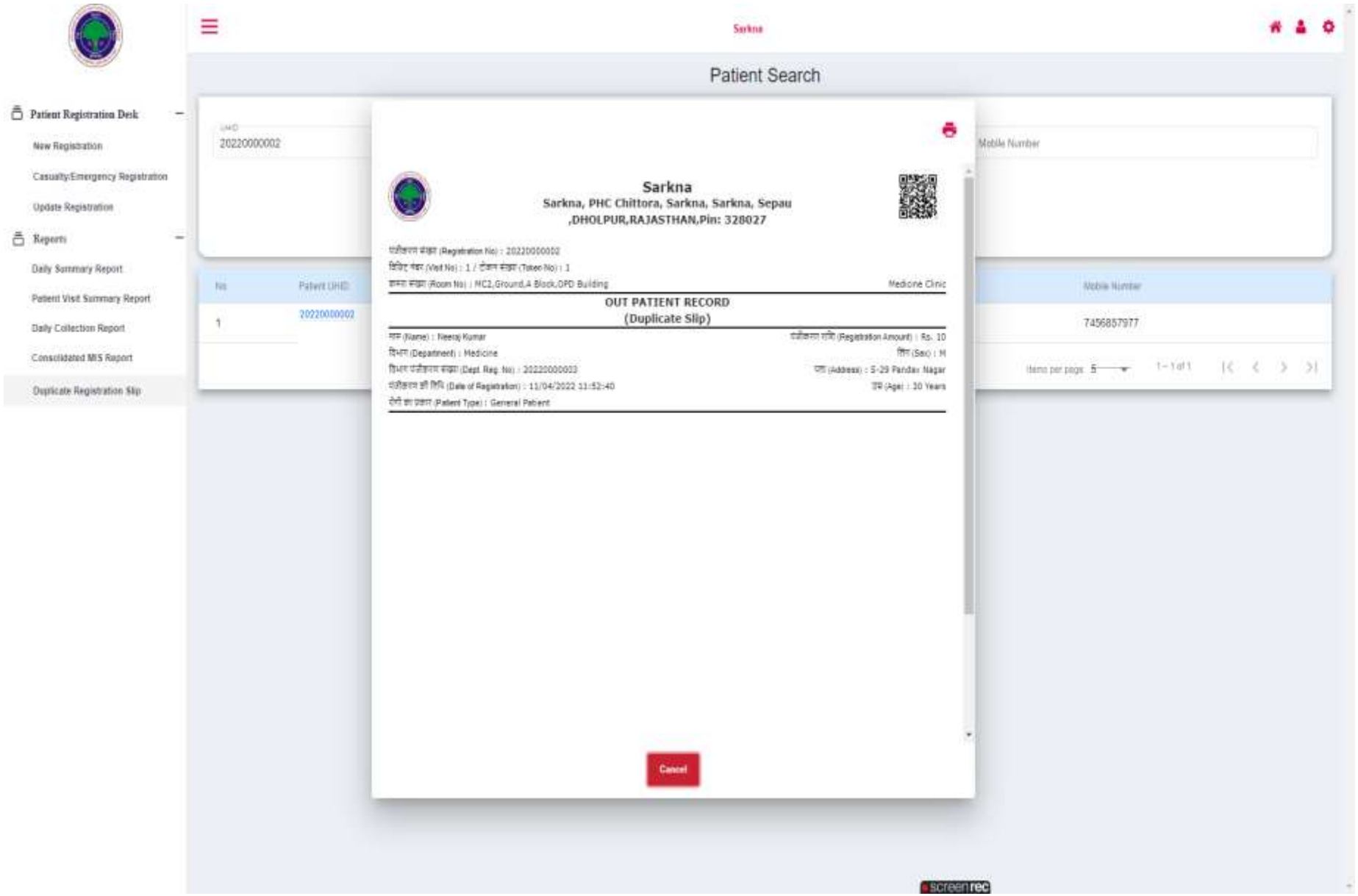
Search Reset

| Sr. | Patient UHID | Name | Gender | Date of Birth | Mobile Number |
|-----|--------------|--------------|--------|---------------------|---------------|
| 1 | 20220000002 | Neeraj Kumar | M | 11/04/1992 00:00:00 | 7456657977 |

Items per page: 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 of the NextGen Hospital system. On the left, a sidebar menu includes 'Patient Registration Desk' (with sub-options: New Registration, Casualty/Emergency Registration, Update Registration) and 'Reports' (with sub-options: Daily Summary Report, Patient Visit Summary Report, Daily Collection Report, Consolidated MIS Report, and Duplicate Registration Slip). The main area shows a search results table with columns 'No' and 'Patient UHID'. The first row contains the number '1' and the UHID '20220000002'. A modal window titled 'OUT PATIENT RECORD (Duplicate Slip)' is open, displaying patient details for 'Sarkna, Sarkna, Sarkna, Sepau, DHOLPUR, RAJASTHAN, Pin: 328027'. The details include: Registration No: 20220000002, Visit No: 1 / Ticket No: 1, Room No: MC2, Ground, A Block, OPD Building, Medicine Clinic, Patient Name: Nitesh Kumar, Department: Medicine, Dept. Reg. No: 20220000003, Date of Registration: 11/04/2022 11:52:40, Patient Type: General Patient, Registration Amount: Rs. 10, Sex: M, Address: S-29 Pandav Nagar, and Age: 30 Years. A 'Cancel' button is at the bottom of the modal. The background interface also shows a 'Mobile Number' input field with the value '7456857977' and a 'Items per page' dropdown set to '5'.

Figure 19



Ministry of Health
and Family Welfare
Government of India



User Manual

NextGen eHospital



Ministry of Health
and Family Welfare
Government of India



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.

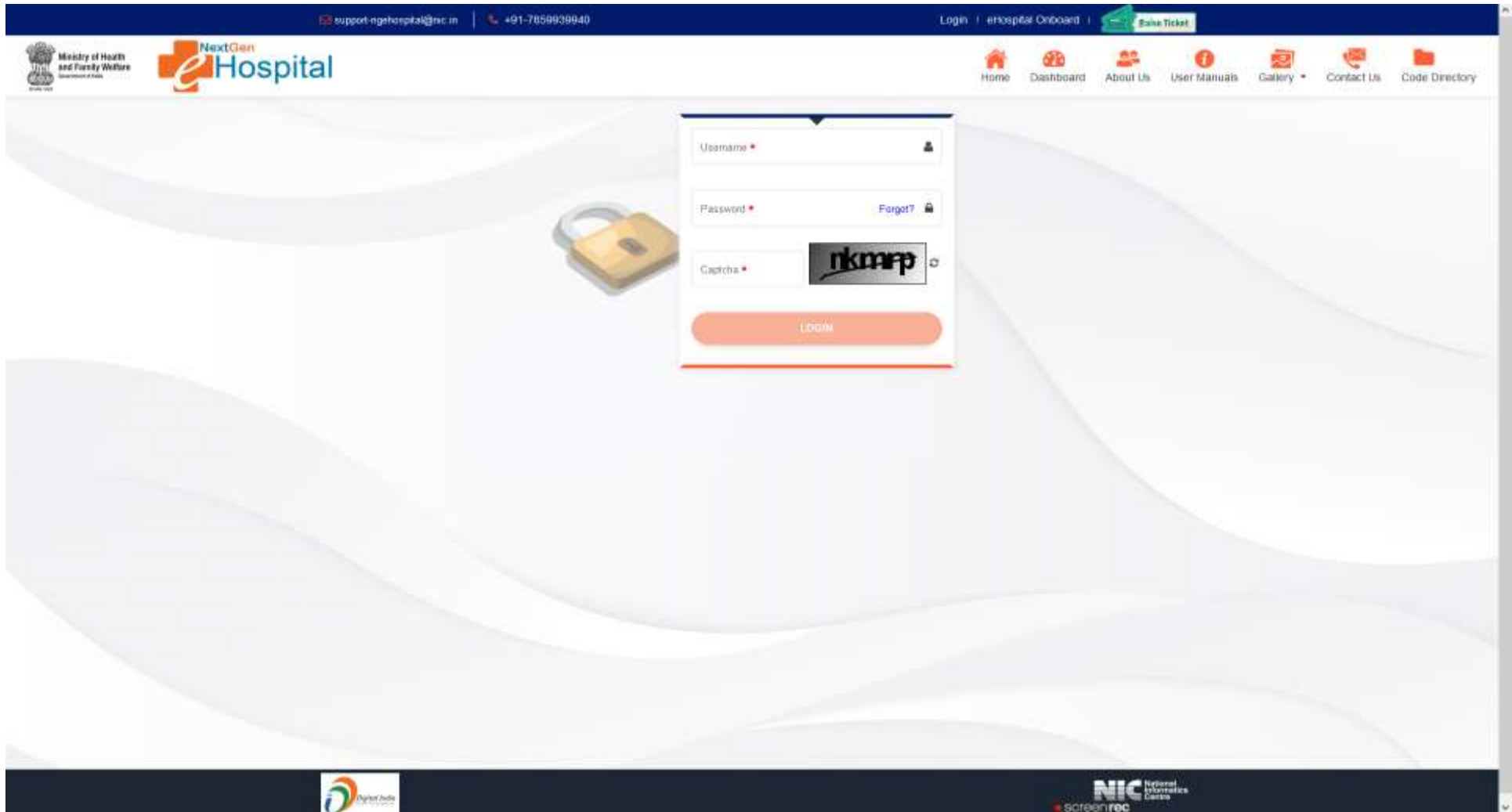


Figure 2

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.

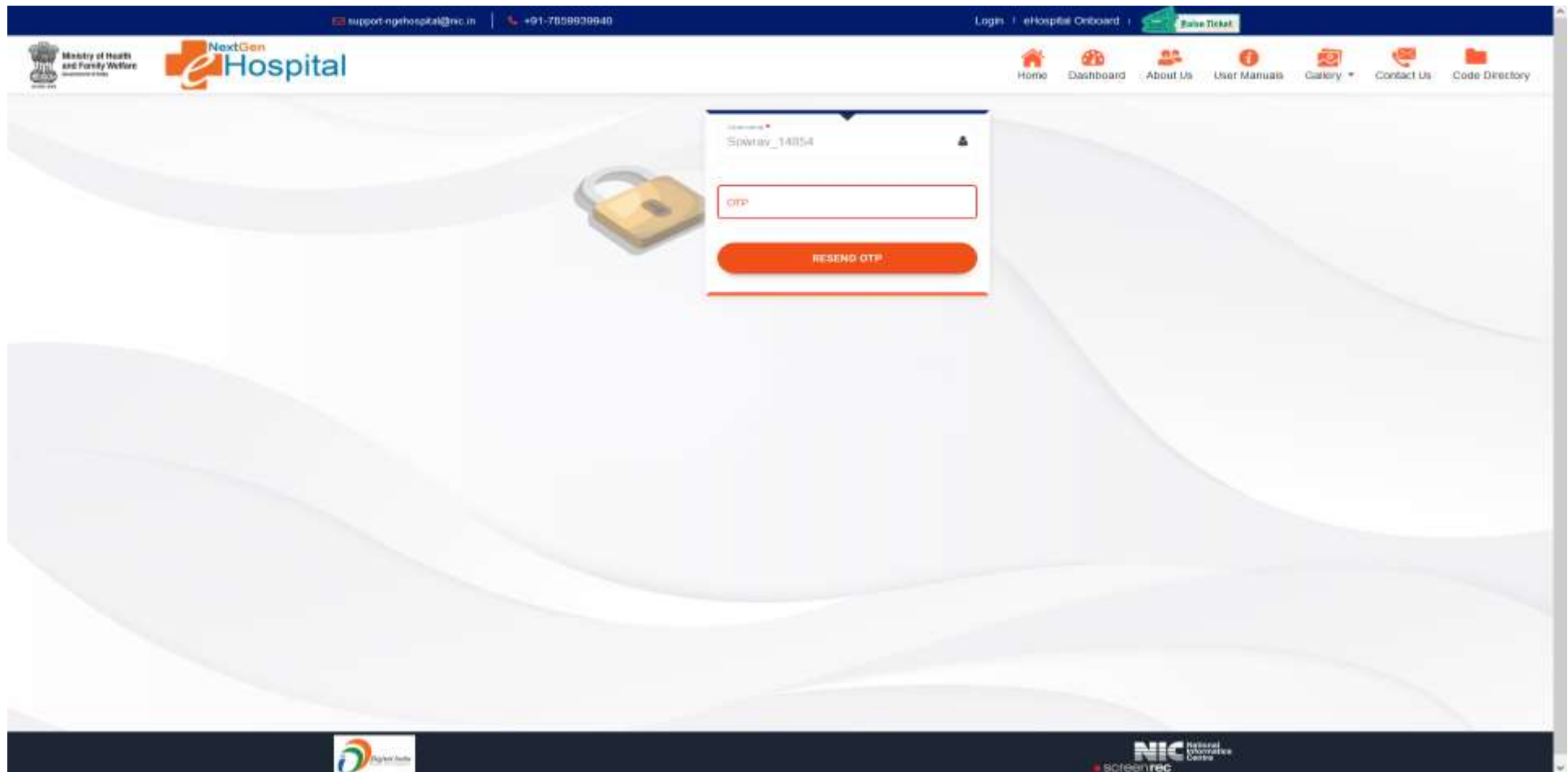
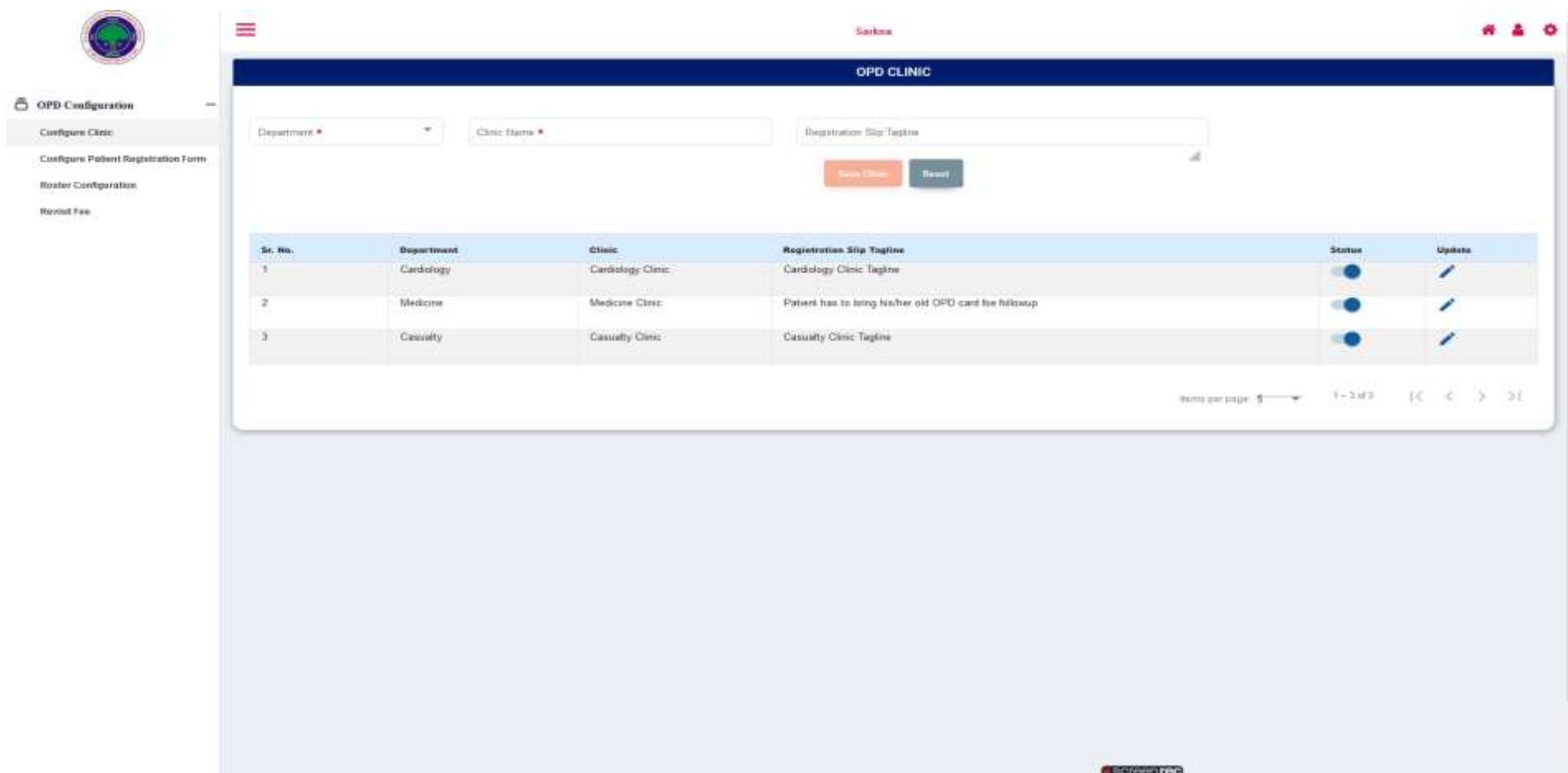


Figure 3

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.






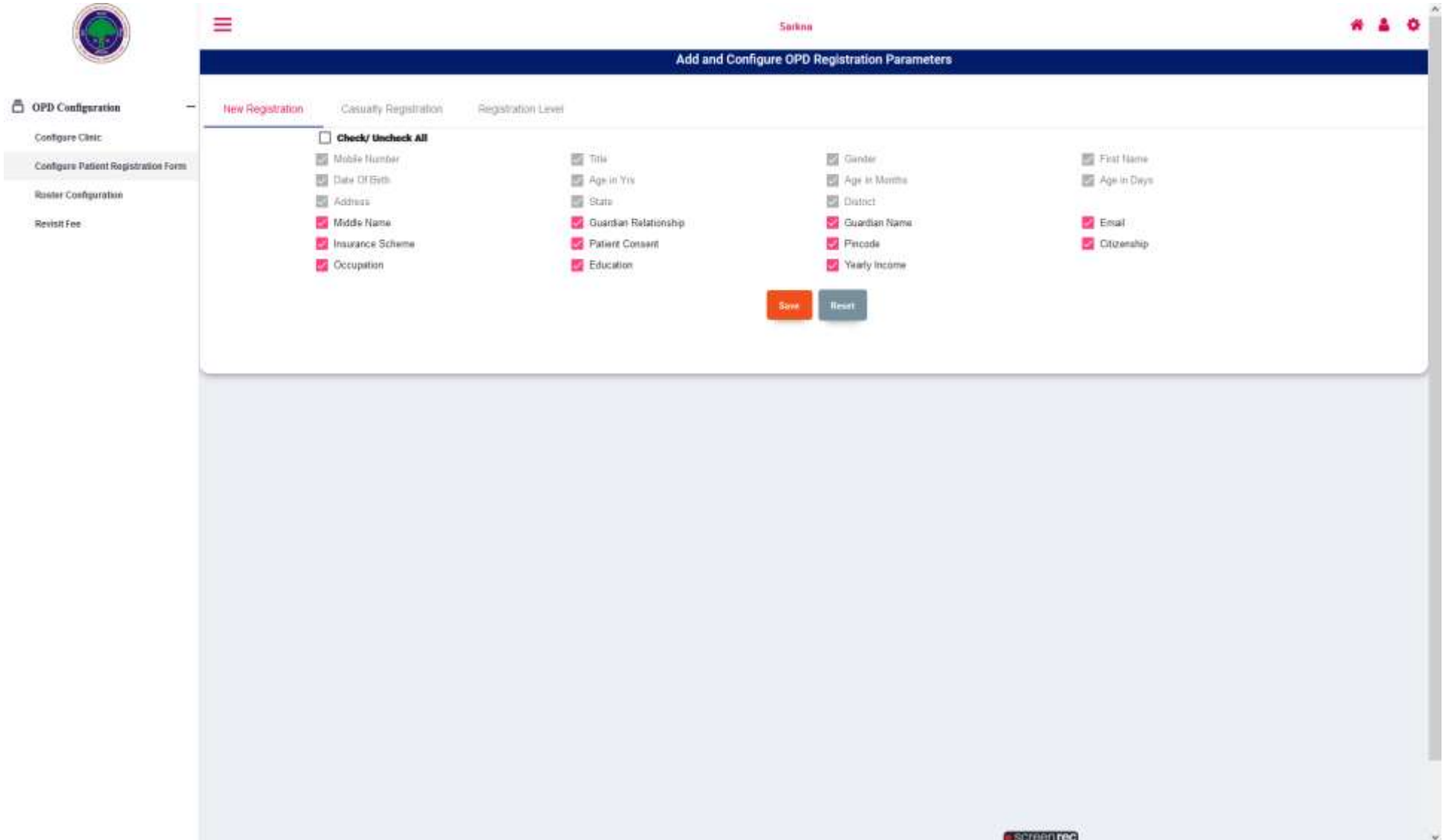
| Sr. No. | Department | Clinic | Registration Slip Tagline | Status | Update |
|---------|------------|-------------------|--|-------------------------------------|---|
| 1 | Cardiology | Cardiology Clinic | Cardiology Clinic Tagline | <input checked="" type="checkbox"/> |  |
| 2 | Medicine | Medicine 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"/> |  |

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.



Add and Configure OPD Registration Parameters

New Registration | Casualty Registration | Registration Level

☐ Check/ Uncheck All

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

Save **Reset**

Figure 5



Configure Clinic

Configure Patient Registration Form

Roster Configuration

Revisit Fee

Sarkna

Add and Configure OPD Registration Parameters

New Registration

Casualty Registration

Registration Level

☐ Check/ Uncheck All

☒ Mobile Number

☒ Data Of Birth

☒ Address

☐ Guardian Relationship

☐ Patient Consent

☐ Education

☒ Title

☒ Age in Yrs

☒ State

☐ Guardian Name

☐ Pincode

☐ Yearly Income

☒ Gender

☒ Age in Months

☒ District

☐ Email

☐ Citizenship

☒ First Name

☒ Age in Days

☐ Middle Name

☐ Insurance Scheme

☐ Occupation

Save

Reset

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.

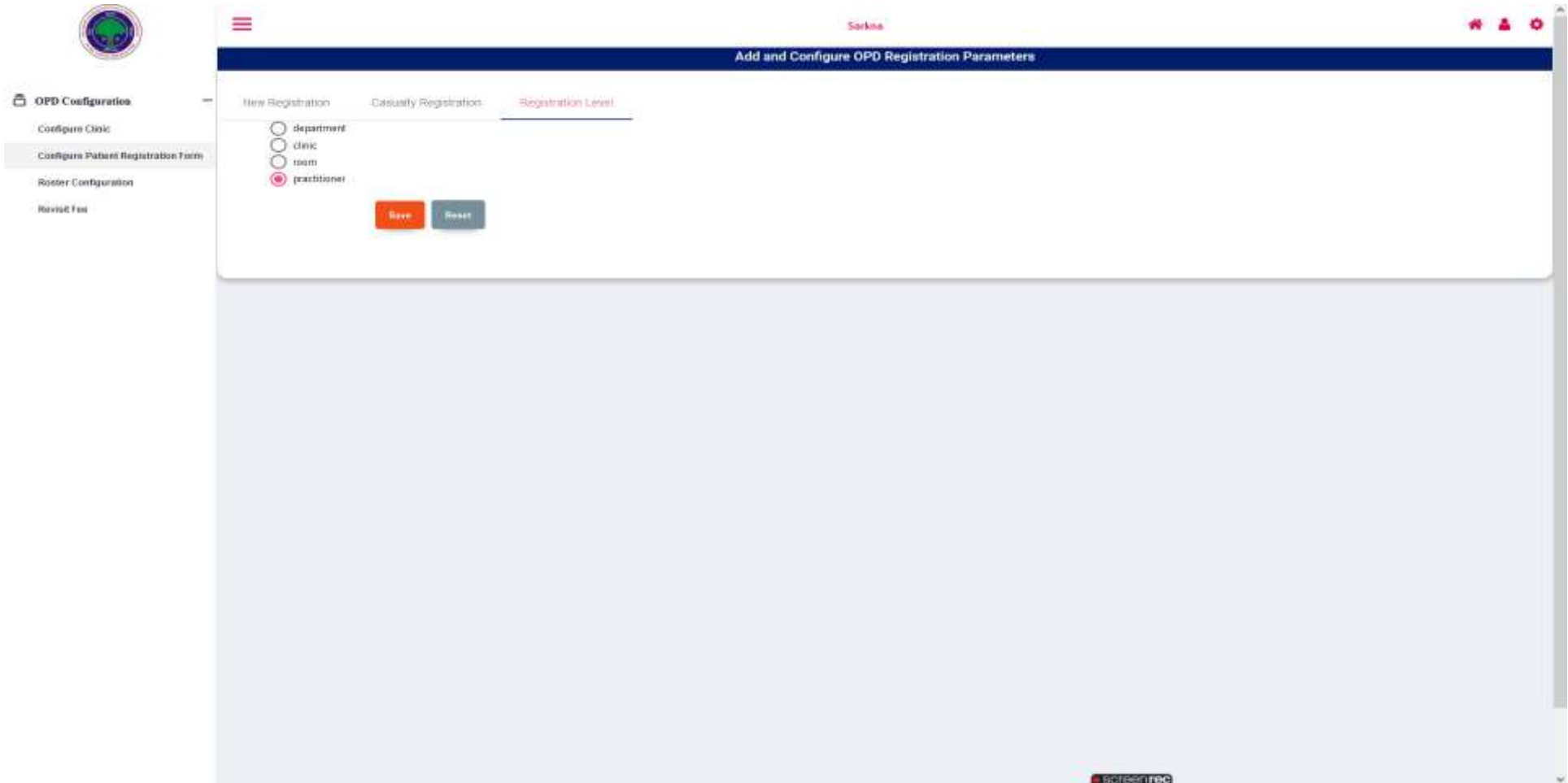


Figure 7

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

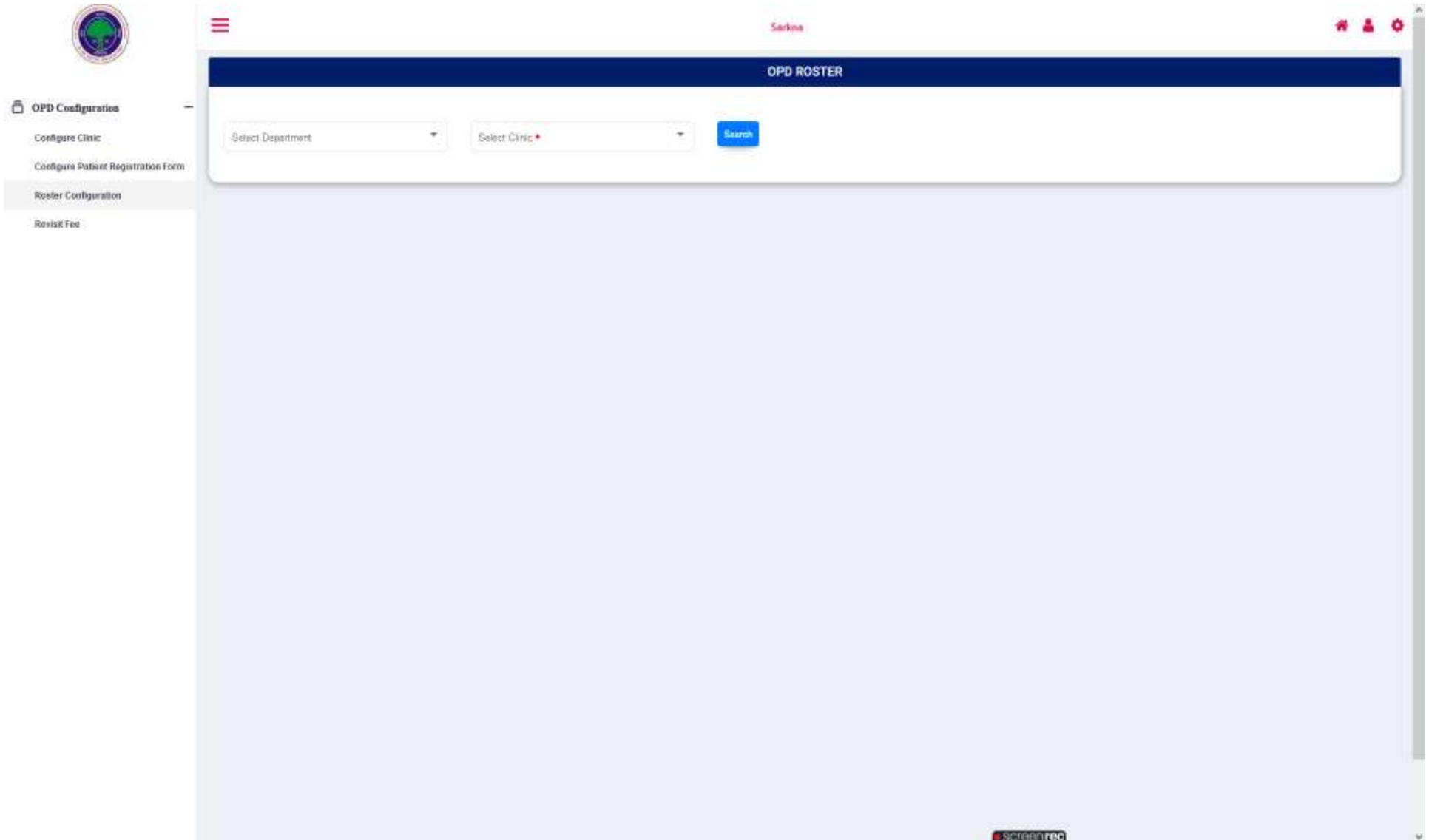


Figure 8

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

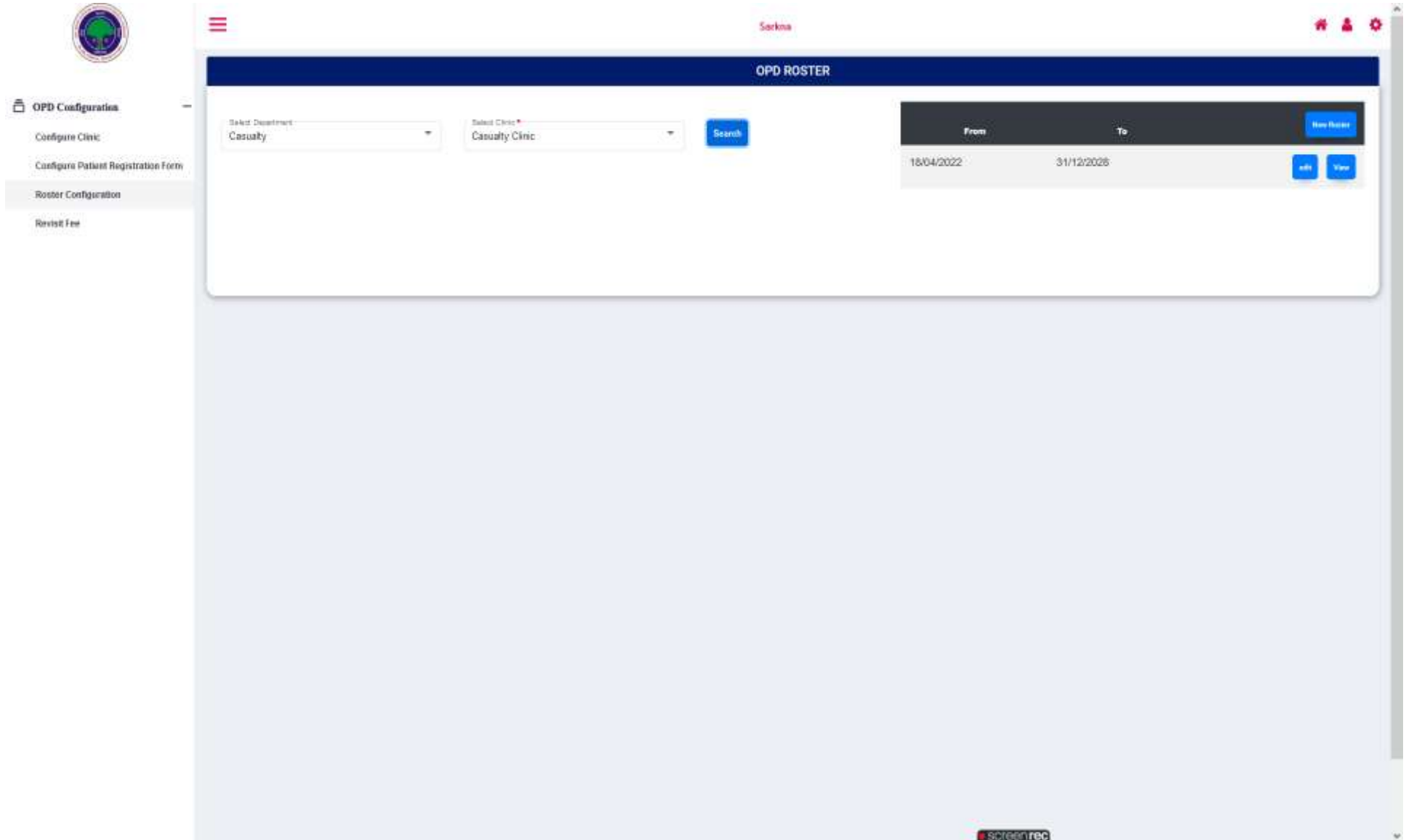
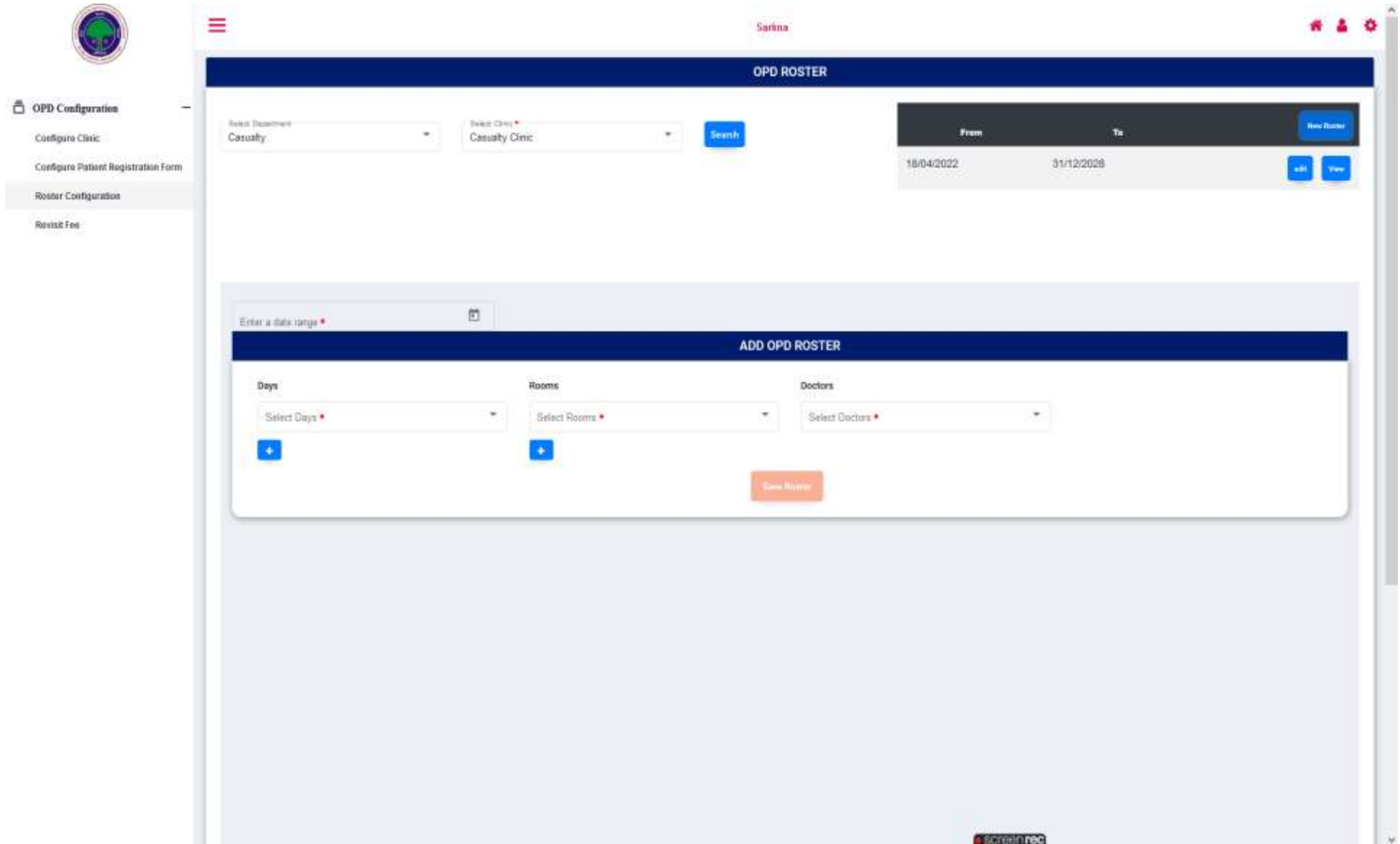


Figure 9

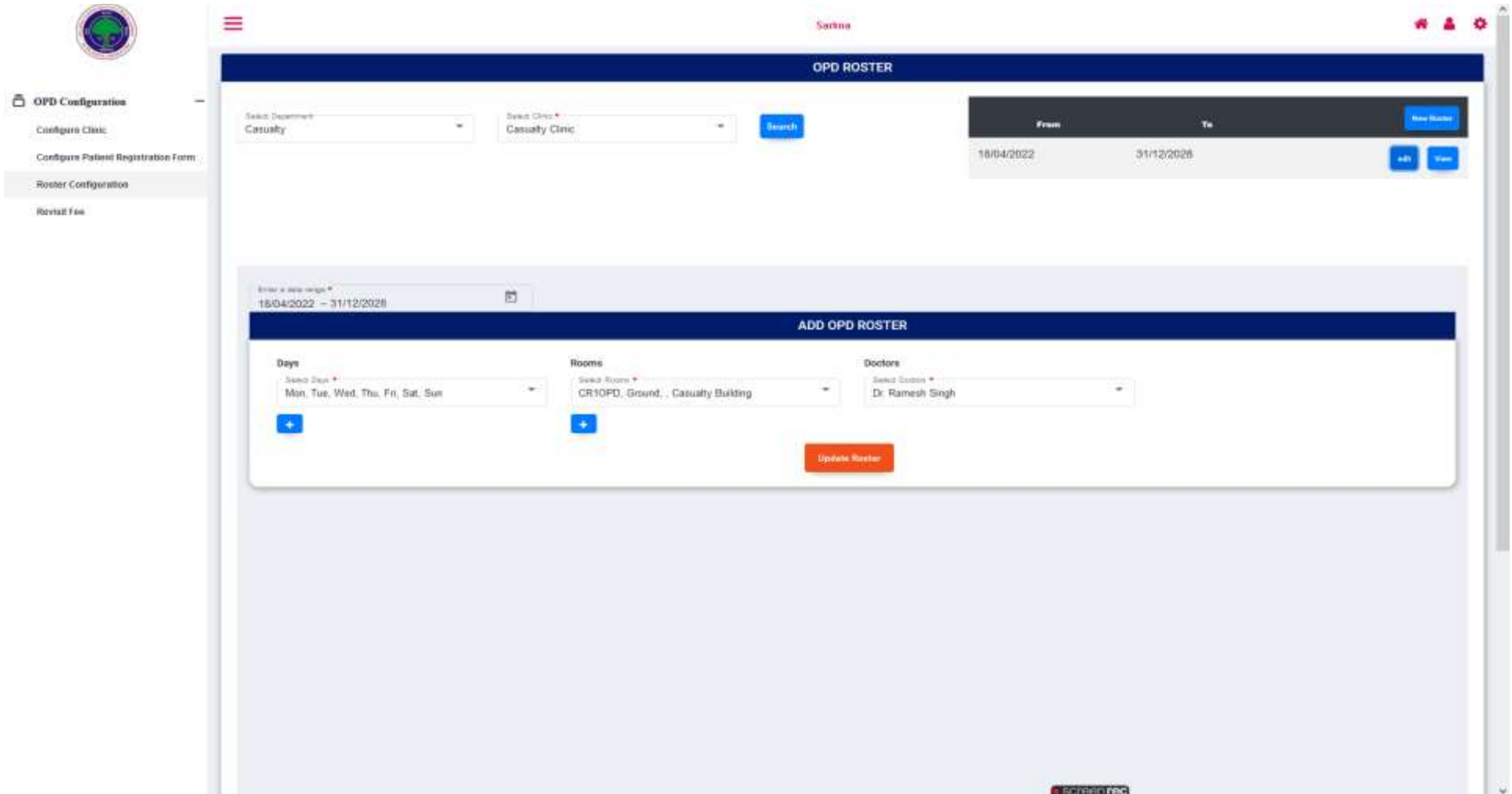
- ✓ Select the Clinic for which roster is to be configure and click on New Roster button. Following screen appears:



The screenshot displays the 'OPD ROSTER' configuration page. On the left sidebar, under 'OPD Configuration', the 'Roster Configuration' option is selected. The main content area has a header 'OPD ROSTER'. Below the header, there are two dropdown menus: 'Select Department' (set to 'Casualty') and 'Select Clinic' (set to 'Casualty Clinic'), with a 'Search' button. To the right, a date range is shown: 'From 18/04/2022 To 31/12/2028', with 'New Roster', 'edit', and 'View' buttons. Below this is the 'ADD OPD ROSTER' section, which includes three dropdown menus: 'Days' (set to 'Select Days'), 'Rooms' (set to 'Select Rooms'), and 'Doctors' (set to 'Select Doctors'). Each dropdown has a blue '+' button. At the bottom of this section is an orange 'Save Roster' button. A 'screen-rec' watermark is visible in the bottom right corner.

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 interface. On the left, a sidebar under 'OPD Configuration' includes 'Configure Clinic', 'Configure Patient Registration Form', 'Roster Configuration' (highlighted), and 'Roster Fee'. The main content area features a search bar with 'Casualty' selected for both 'Select Department' and 'Select Clinic', accompanied by a 'Search' button. To the right, a date range is set from '18/04/2022' to '31/12/2028', with 'New Roster' and 'View' buttons. Below this is the 'ADD OPD ROSTER' section, which includes three dropdown menus: 'Days' (selected: Mon, Tue, Wed, Thu, Fri, Sat, Sun), 'Rooms' (selected: CR10PD, Ground, Casualty Building), and 'Doctors' (selected: Dr. Ramesh Singh). Each dropdown has a '+' icon. An 'Update Roster' button is positioned at the bottom right of this section. A 'screen.rec' watermark is visible in the bottom right corner.

Figure 11

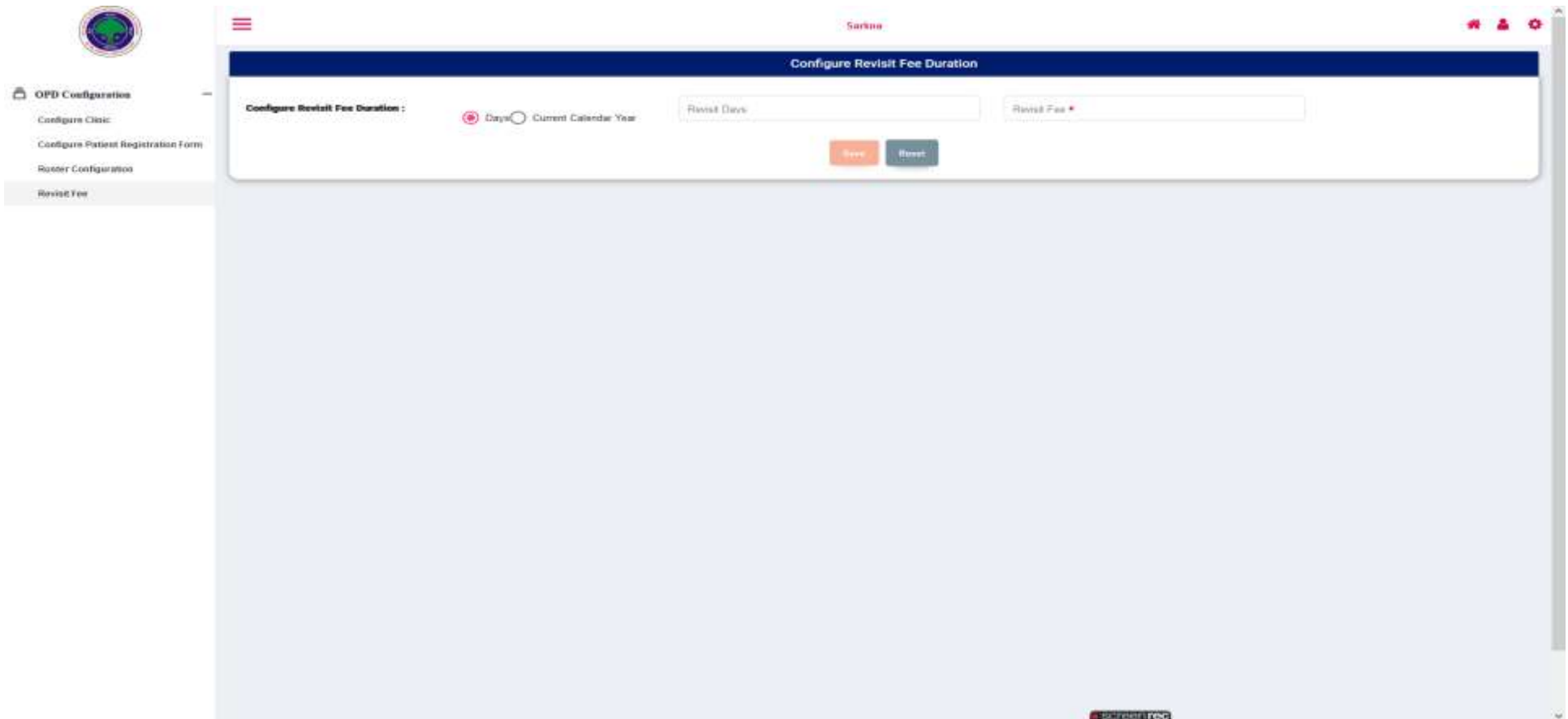
9. Revisit Fee

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 a web application interface for configuring revisit fees. On the left, a sidebar menu includes 'OPD Configuration' and 'Revisit Fee'. The main content area is titled 'Configure Revisit Fee Duration' and features a form with the following elements:

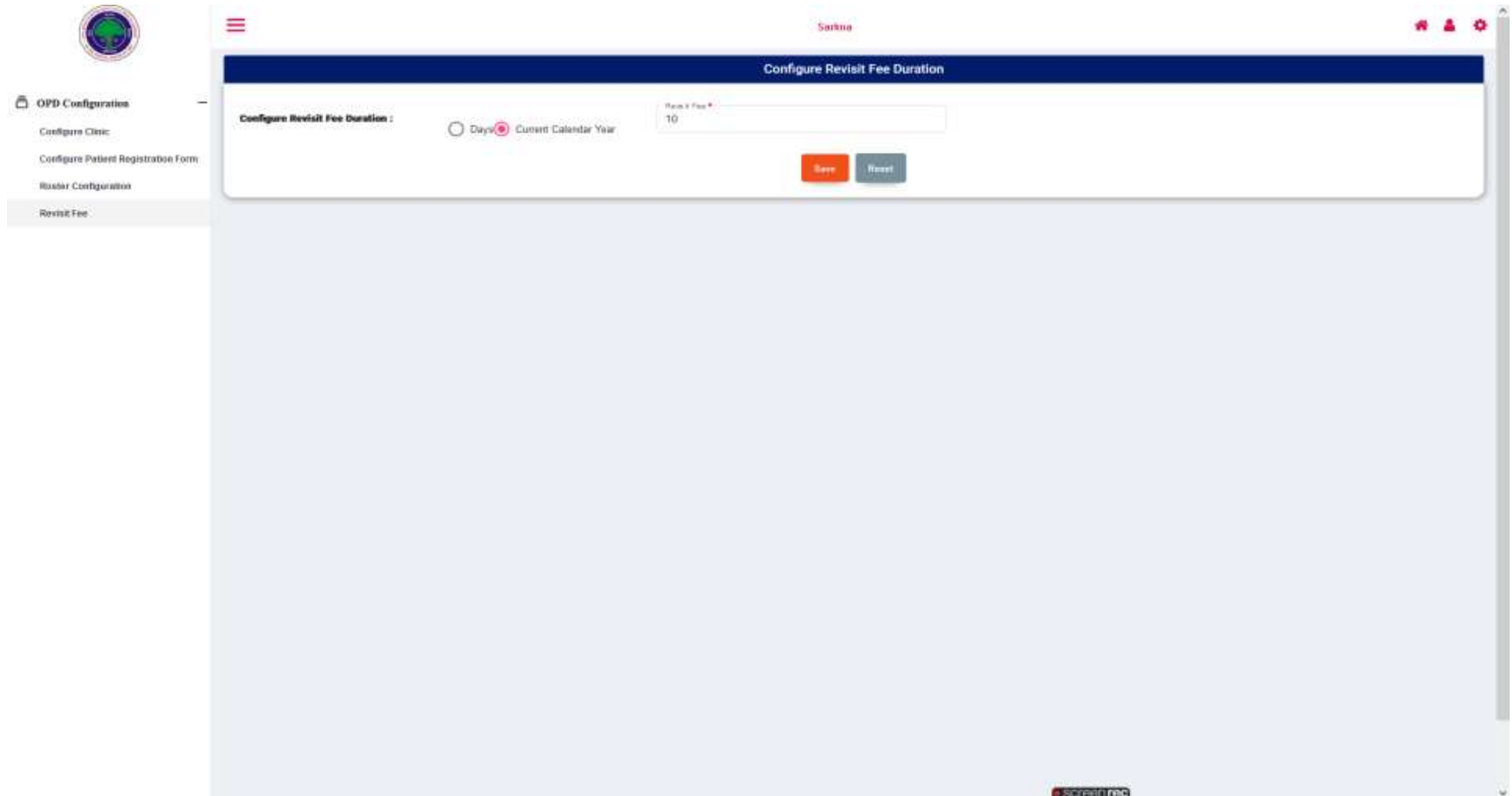
- A header bar with the title 'Configure Revisit Fee Duration'.
- A section labeled 'Configure Revisit Fee Duration:' containing two radio buttons: 'Days' (selected) and 'Current Calendar Year'.
- Two input fields: 'Revisit Days' and 'Revisit Fee'.
- Two buttons: 'Save' (orange) and 'Reset' (grey).

The interface is branded with the 'Sarkar' logo in the top right corner. A 'screen rec' watermark is visible in the bottom right corner of the application window.

Figure 12

Current Calendar Year wise:

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



The screenshot displays the 'Configure Revisit Fee Duration' interface. On the left, a sidebar under 'OPD Configuration' lists 'Configure Clinic', 'Configure Patient Registration Form', 'Master Configuration', and 'Revisit Fee'. The main content area features a title bar and a form titled 'Configure Revisit Fee Duration :'. This form includes two radio buttons: 'Days' (unselected) and 'Current Calendar Year' (selected). To the right of these buttons is a text input field labeled 'Revisit Fee' containing the number '10'. Below the input field are 'Save' and 'Reset' buttons. The window title bar shows 'Sarkaa' and standard window controls. A 'screen rec' watermark is visible in the bottom right corner.

Figure 13