



राजस्थान केन्द्रीय विश्वविद्यालय
Central University of Rajasthan

(संसद के अधिनियम क्रमांक 25 वर्ष 2009 द्वारा स्थापित)
(Established under the Central Universities Act, 2009)

CENTRAL INSTRUMENTATION FACILITY (CIF)

Outside Curaj User Guide

Outside Curaj User Instruction to book instrumentation for experiments

STEP 1 :

Open url <https://www.curaj-erp.in/curaj-instrumentation> and click on **User under Login** at top right screen



WELCOME TO

Central University of Rajasthan

CENTRAL INSTRUMENTATION FACILITY (CIF)

In order to cater to the research needs and develop state-of-the-art research instrumentation infrastructure, a Central Instrumentation Facility (CIF) is being established at the Central University of Rajasthan (CURAJ). Apart from serving the research instrumentation needs of CURAJ fraternity, the instrument analysis facilities will be extended to academicians and researchers from other institutes also as well as to private institutions and industries.

The Central University of Rajasthan aims to develop the facility as a world class centre of excellence that will facilitate cutting-edge research in frontier areas and also encourage development of inter-disciplinary research for significant applications.

The centre is also expected to open up numerous opportunities in terms of research collaborations with other institutes, conduct of seminars and workshops, training programs for the creation of skilled technicians, etc. Thus, besides being a high quality centre for research and analysis, we envisage a future wherein the facility will also act as a source of new employment opportunities and economic activity.

Presently, the centre has three major research instruments (listed below) under its wing, and a few more high-end facilities are expected to be added to the list in the near future. Please watch this page for further updates.

Instrument List

Login

Register

User

In-charge

Admin

Instrument List

Login

Register

User

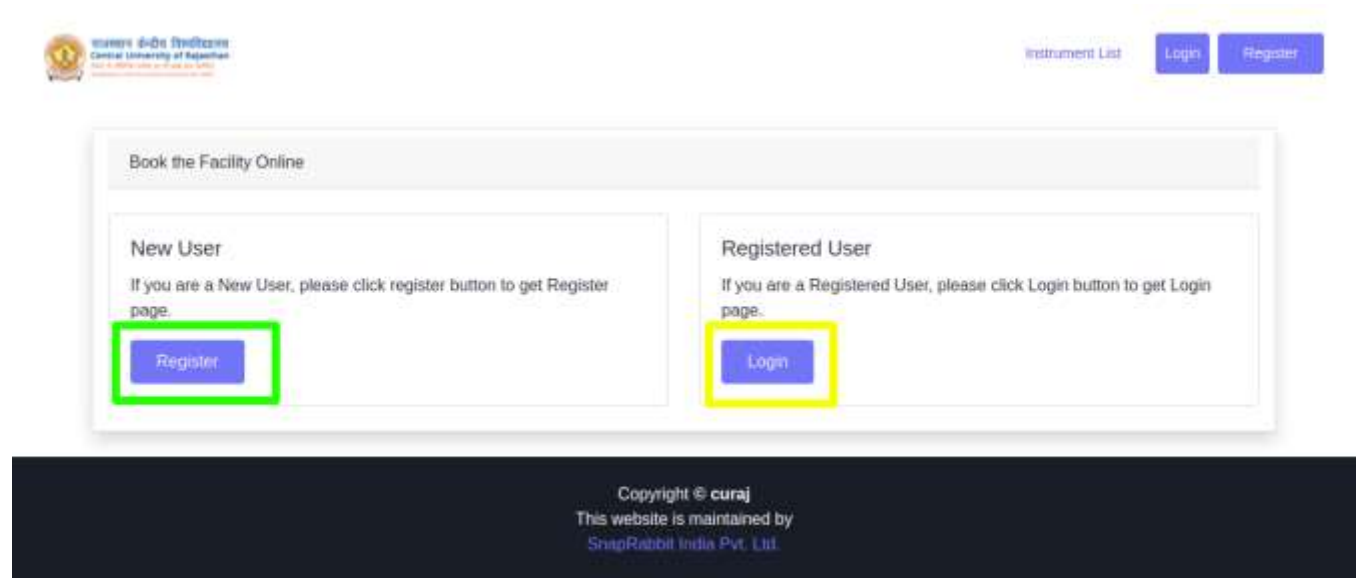
In-charge

Admin

STEP 2 :

If you are new user you have to register yourself ,click on **Register Button**

If you are a registered user then you can proceed for Login by clicking **Login Button**



Registration process :

If you click on Register button you will get a form to register yourself as shown below in which you have to enter following detail and click **Register**

- **Institute Category*** - Select **Academic Outside CURAJ** or **Industrial**
- **Institute Name***
- **Name of User***
- **Gender*MaleFemaleOther**
- **Contact number***
- **User Email*** (Required while Login)
- **User Category*** - Select any one from (Student , Faculty , Scientist , Industrialist)
- **Upload ID Card*** - you have to upload your id card in pdf format
- **Enter Password*** (Required while Login)
- **Address***
- **Other Details**
- **Supervisor's Name**
- **Supervisor's Email**
- **Supervisor's Phone**

Registration Form

Institute Category* Academic Inside CURAJ

Institute Name*

Name of User*

Gender* Male Female Other

Contact number*

User Email*
Required while login

User Category* Faculty

Upload ID Card* No file chosen

Enter Password*
Required while login

Address*

Other Details

Supervisor's Name

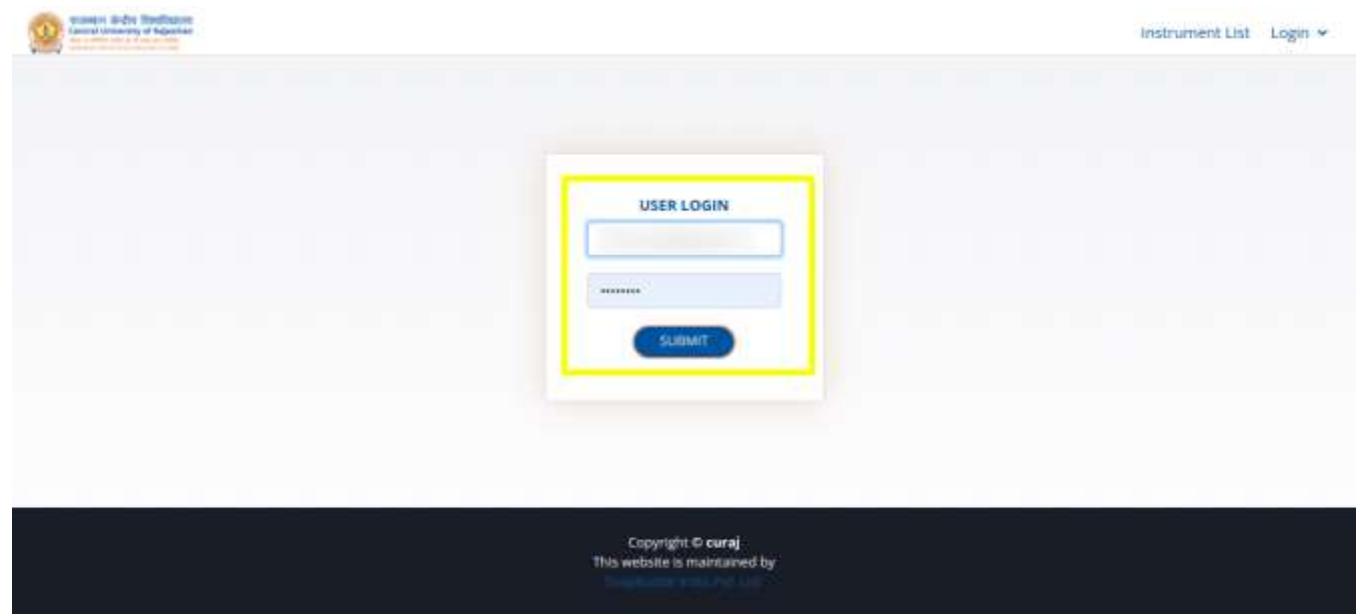
Supervisor's Email

Supervisor's Phone

User must upload a scanned copy of ID Card that is issued from his/her institute/organization, eg. Employee ID Card, Student ID Card etc. If you do not have an ID Card, you can provide scanned copy of supporting document for identity issued by Head of Department(HOD) or Officers. Content on ID Card should be clearly visible, otherwise it may lead to rejection of registration.

Register

If you will click on **Login Button** or Once you **Register Successfully** you will get login page in which you have to enter your email and password which you have entered in time of registration

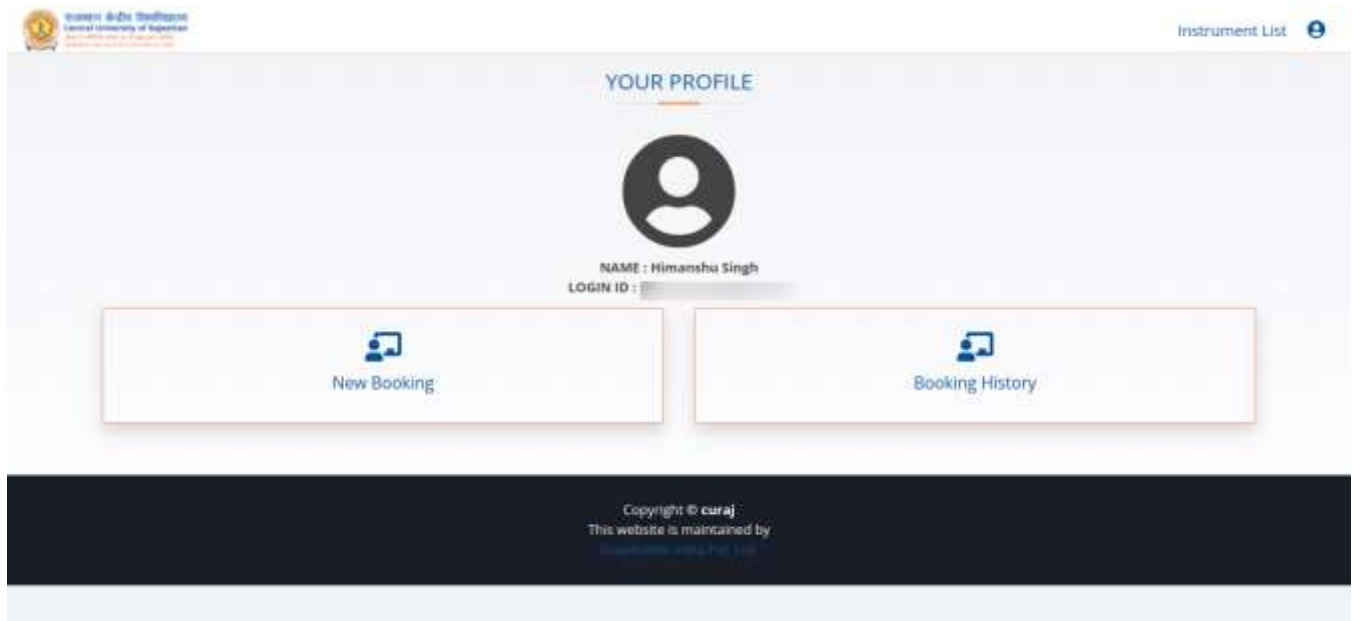


STEP 3 :

Once you enter your email id and password correctly you will be redirected to your profile page

You will get two options :

1. New Booking
2. Booking History



The screenshot displays a user profile page. At the top left is the logo of Central University of Rajasthan. At the top right is a link for "Instrument List" with a plus icon. The main heading is "YOUR PROFILE". Below this is a circular profile picture placeholder. The user's name is "NAME : Himanshu Singh" and the login ID is partially visible as "LOGIN ID :". There are two main buttons: "New Booking" on the left and "Booking History" on the right, both featuring a person and document icon. At the bottom, a dark footer contains the text: "Copyright © curaj. This website is maintained by Central University of Rajasthan".

New Booking

When you click on new booking you will get a list of available instruments with their details and **BOOK NOW** Button

Click on Book now button for selected instrument



INSTRUMENT LIB

Login

Register



Physical Property Measurement System (PPMS)(Per Day)

Model: DynaCool
Make: Quantum Design USA
Temperature range: 1.8 K – 400 K
Magnetic field range: ± 9 Tesla

Measurement options:

- Vibrating Sample Magnetometer (DC magnetization measurements)
- Vibrating Sample Magnetometer Oven
- AC Susceptibility Measurement
- Electrical Transport (ETD)

Instrument In-charge:

- **Name:** Dr. Ajit K Patra and Dr. Yugandhar Billa
- **Email:** dynacool@curaj.ac.in
- **Department:** Department of Physics

[Book Now](#)



X-ray Diffractometer (XRD)(Per Sample)

Model: Empyrean
Make: PANalytical
Temperature: 300 K
Anode: Cu

Theta Range: -50° to 160°
Step size: 0.0001°
Angular reproducibility: 0.0001°

Measurement options:

- Powder XRD
- Grazing Incidence XRD (GIXRD)
- X-ray Reflectivity (XRR)
- Texture Analysis
- Reciprocal Space Mapping (RSM)

Instrument In-charge:

- **Name:** Dr. Nirraj Panwar and Dr. Yugandhar Billa
- **Email:** and@curaj.ac.in
- **Department:** Department of Physics

[Book Now](#)



Nuclear Magnetic Resonance Spectrometer (NMR)

Model: Bruker Avance III HD 500 MHz
Make: Bruker Multinuclear NMR (1H , ^{13}C , ^{15}N , ^{31}P , ^{19}F 2D Experiments)

Measurement options:

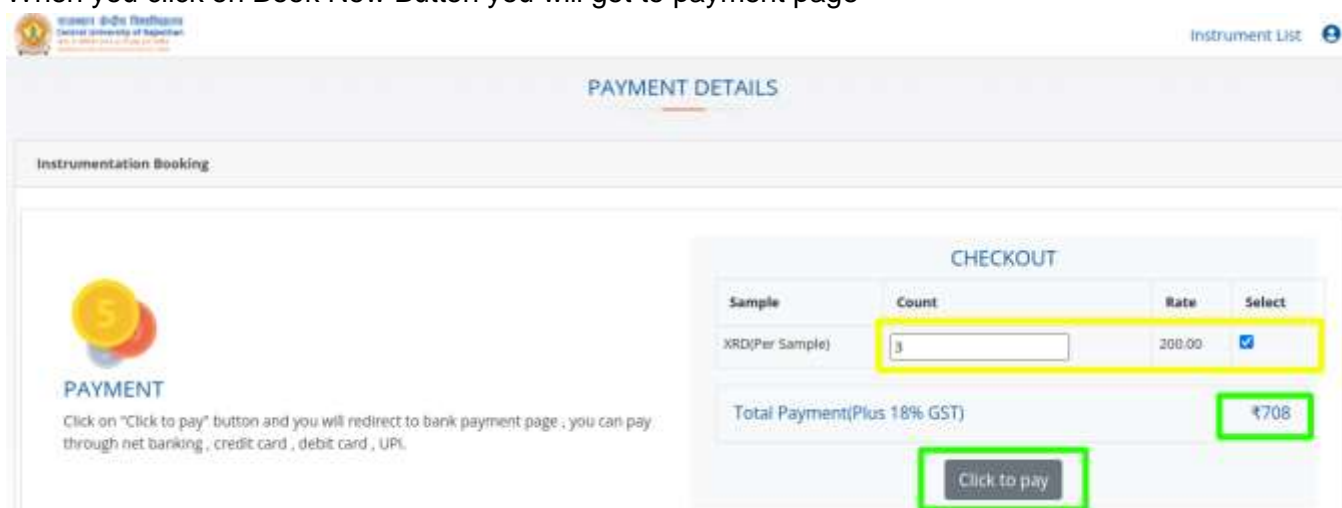
- 1H , ^{13}C , DEPT
- ^{15}N , ^{31}P , ^{19}F
- 2D NMR Experiments (COSY, HMQC, HMBC, NOESY etc.)

Instrument In-charge:

- **Name:** Dr. M. Bharguchandra, Dr. Ritesh Singh, and Dr. Hemant Joshi
- **Email:** chemistrycuraj@gmail.com
- **Department:** Department of Chemistry

[Book Now](#)

When you click on Book Now Button you will get to payment page



Instrumentation Booking

PAYMENT
Click on "Click to pay" button and you will redirect to bank payment page . you can pay through net banking , credit card , debit card , UPI.

CHECKOUT

Sample	Count	Rate	Select
XRD(Per Sample)	3	200.00	<input checked="" type="checkbox"/>

Total Payment(Plus 18% GST) ₹708

Click to pay

On the Payment page enter the **count** as per requirement **Rate per count** will be mentioned there, please make sure to **select the check box** after entering count, 18% of GST will get calculated automatically as in form of **Total Payment**

Click on Click to pay which will allow you to pay via

- Net Banking
- Debit card
- Credit card
- UPI

Once you made your payment your Booking Request will Successfully Made.

Booking History

When you click on booking history you will get a list of your successful bookings with a button to get Receipt of your Booking

Instrument List

BOOKING HISTORY

Instrument	Price	Booking Date	Action
Nuclear Magnetic Resonance Spectrometer (NMR)	4720.00	16-03-2022	Receipt
Nuclear Magnetic Resonance Spectrometer (NMR)	1000.00	16-03-2022	Receipt

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Instrument Booking Team, curaj

When you click on receipt a **Instrument Booking Successfully Page** will appear consisting of your booking details.

You can Click on **Invoice button** To get your invoice print

Instrument List


COMPLETED

Thank You!

Instrument Booking Successfully

[Invoice](#) [Close](#)

TAX INVOICE #0d4aca84

 **CENTRAL UNIVERSITY OF RAJASTHAN**
NH-B, Bandarindari, Tehsil Kishangarh, Ajmer, Rajasthan 305817
Email: -
GSTIN: -

BILLED TO

Thanks