

# ICT enabled Classrooms and Facilities at MGSU



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## **Maharaja Ganga Singh University**

A State University of Higher Education for Dignity and Self-Reliance  
Approved by UGC under Section 12B of the UGC Act 1956

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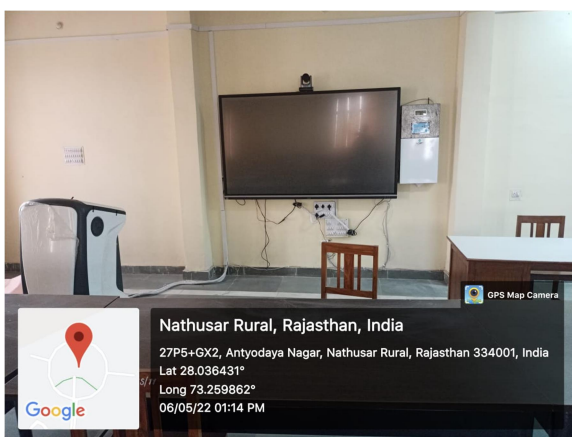
<https://mgsubikaner.ac.in/>



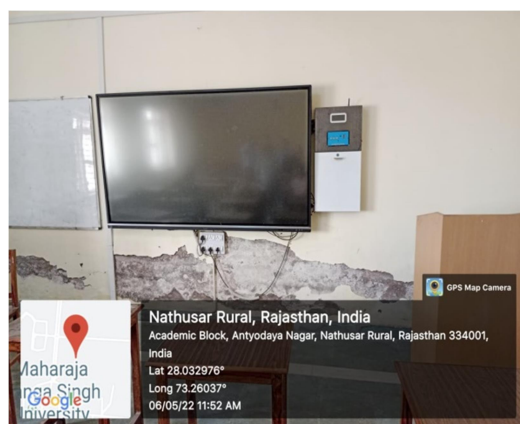
## ICT Facilities in MGS Campus

- **Each Department has Smart classrooms where Smart Board and Digital podium as well as lecture capture is installed with all facilities for e-content development.**
- Every smart classroom has a lecture capture facility. Smart classrooms have high-definition audio and visual capturing devices with dedicated mixers and mic systems.
- A high definition Camera is installed in each smart classroom for recording lectures and with a single touch on streaming device, the classroom can go live.
- Faculty members are provided with high definition laptops with up-to-date software's installed.
- Each smart classroom is also equipped with recording and online streaming devices along with 1GB cloud space and 1GB local storage for storing captured lecture recordings.
- Faculty members use open source software for recording, streaming (OBS Studio) and mixing videos (AudaCity)
- The campus is connected with a 1 GBPS internet connection. This university has a dedicated leased line. A campus-wide LAN and WiFi routers provide an uninterrupted internet facility to students and teachers.
- Teachers and students can access online resources and research journals available with the central library from smart classrooms and smart labs.

## Smart Classrooms in MGSU



Room No. 04 Department of Library Science



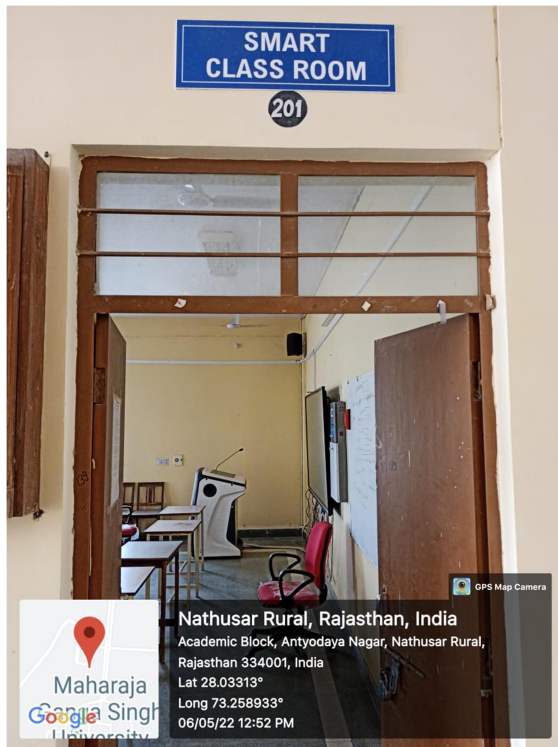
Room No. 103 Department of Geography



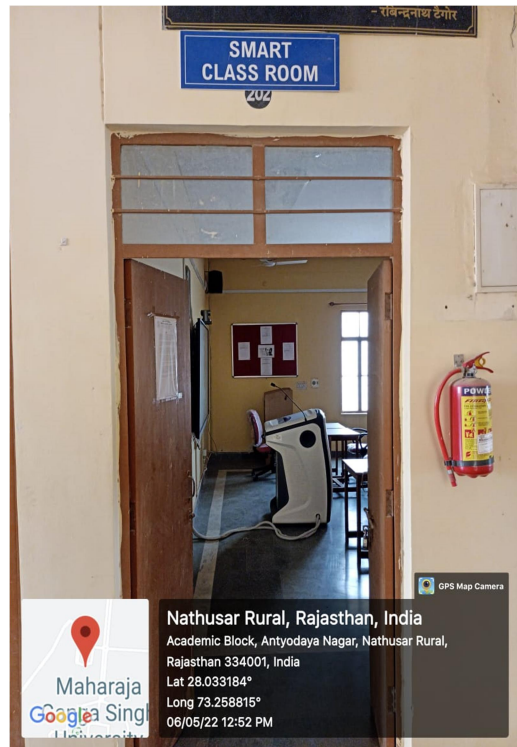
Room No. 104 Department of Commerce



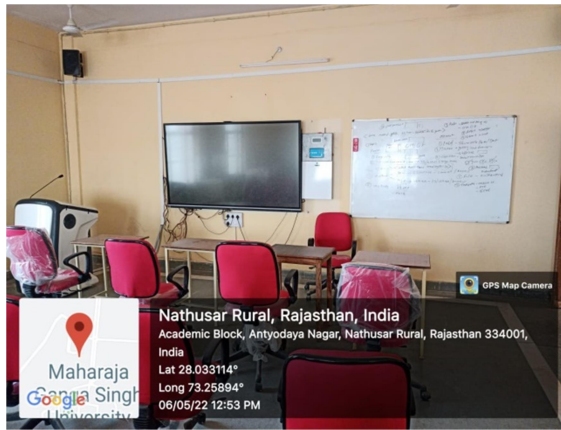
Room No. 110 Department of Environmental Science



Room No. 201 Department of Computer Science



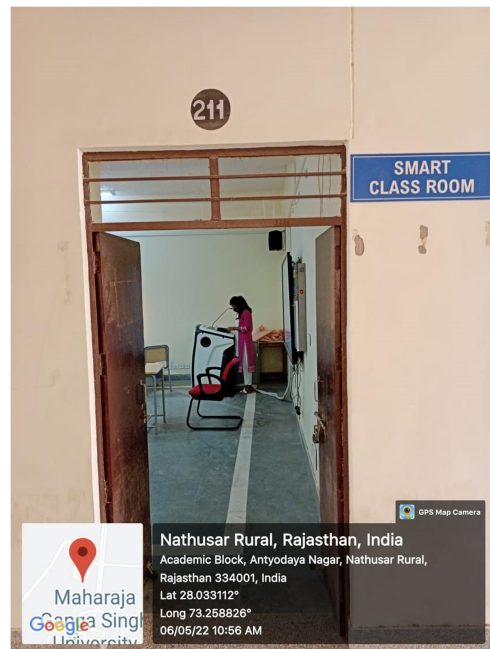
Room No. 202 Department of Computer Science



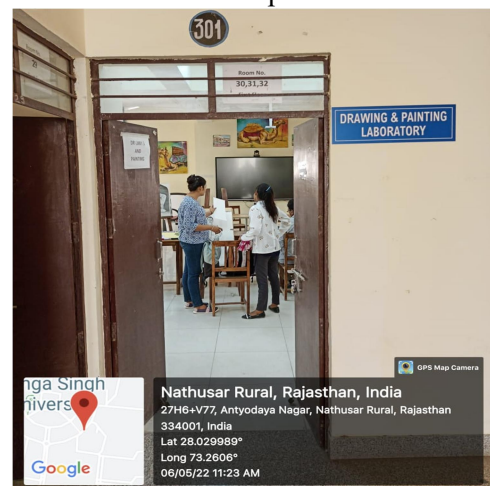
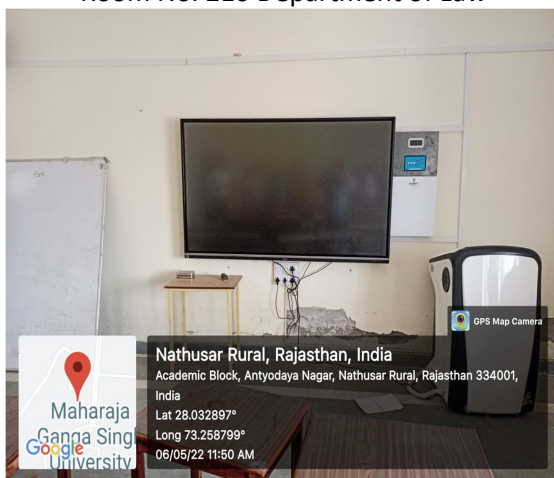
Room No. 207 Department of Computer Science



Room No. 210 Department of Law



Room No. 211 Department of law



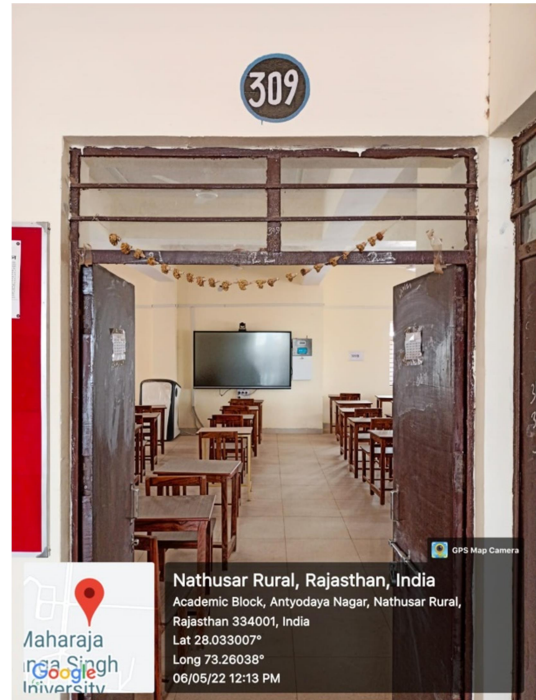


Room No. 210 Department of Microbiology

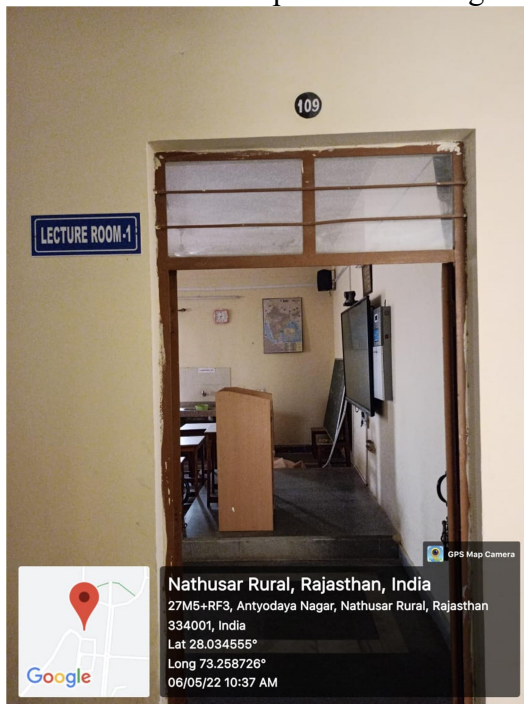


Room No. 305 Department of Yoga

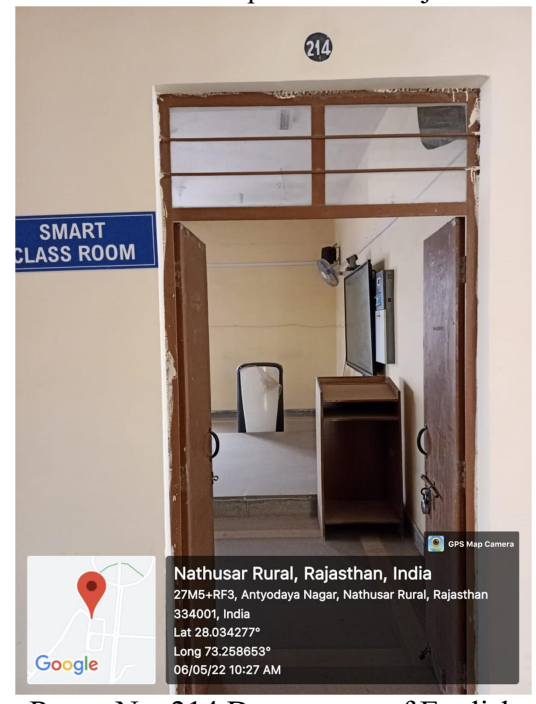
Room No. 301 Department of Drawing & Painting



Room No. 309 Department of Rajasthani



Room No. 109 Department of History




Room No. 214 Department of English

## Network Facility

Complete MGSU campus is WiFi enabled. The LAN facility is extended to all buildings except two newly constructed academic buildings

| Room Number   | Type of Facility  |
|---|-------------------|
| Room No.214 English Department                      | LCD, Wifi and LAN |
| Room No.109 Dep. Of History                         | LCD, Wifi and LAN |
| Room No.110 Dep. Of Environment Science             | LCD, Wifi and LAN |
| Room No.201,202, 203 Dep. Of Computer Science       | LCD, Wifi and LAN |
| Room No. 210 Dep. Of Microbiology                   | LCD, Wifi and LAN |
| Room No. 103 Dep. Of Geography                      | LCD, Wifi and LAN |
| Room No.309 Dep. Of Rajasthani                      | LCD, Wifi and LAN |
| Room No.301 Dep. Of Drawing & Painting              | LCD, Wifi and LAN |
| Room No.104 Dep. Of Commerce                        | LCD, Wifi and LAN |
| Room No.04 Dep. Of Lib. Science                     | LCD, Wifi and LAN |
| Room No.305 Dep. Of Yoga                            | LCD, Wifi and LAN |
| Room No.210,211 Dep. Of Law                         | LCD, Wifi and LAN |
| Room No.201,202, 203,213,215 Dep . of English       | Wifi and LAN      |
| Room No.101,102,103,105,107,108,110 Dep. Of History | Wifi and LAN      |
| Room No.111,112 Dep.of Env. Science                 | Wifi and LAN      |
| Room No.212 Dep. Of Comp. Science                   | Wifi and LAN      |
| Room No.302 Dep. Of Drawing& Painting               | Wifi and LAN      |
| Room No.306 Dep. Of Yoga                            | Wifi and LAN      |
| Room No. 201,202,203,209                            | Wifi and LAN      |
| Seminar Hall(Auditorium) Academic Block 1           | LCD, Wifi and LAN |
| Seminar Hall(Auditorium) Academic Block 2           | Wifi and LAN      |

  
(अमरेश कुमार सिंह)  
सहायक आचार्य-कम्प्यूटर विज्ञान विभाग

**The MGSU has purchased total 21 Smart Boards for Classrooms and Seminar Halls and Meeting Room**

**PERMANENT STOCK REGISTER & STOCK LEDGER**

Name and description of article SMART BOARD DISPLAY  
 नाम व विवरण की लिखें

| Date<br>दिनांक | Source<br>स्रोत का नाम  | Voucher No. & Date<br>वचन नं. व दिनांक | Full Specification<br>पूर्ण विवरण  | Quantity Received<br>प्राप्त की गई मात्रा | Purchase Price<br>खरीद कीमत | Particulars of issue or disposal<br>व्यय या बिक्री का विवरण |
|----------------|---|--|--|---|-----------------------------|---|
| 10/06/21       | UNIVERSAL ENTERPRISES<br>Haldwani<br>(Uttarakhand)<br>Ph=7059 | Bill No<br>T-673<br>16/5/21            |  | 14<br>0701                                | 2,21,73,480/-               |   |
| 21/06/21       | Universal Enterprises<br>Haldwani<br>(Uttarakhand)            | T-703<br>21/6/21                       |  | 07<br>0701                                | 1,04,37,140/-               |   |
|                |   |  | Interactive display<br>Digital podium for smart class<br>Digital teaching device for smart class<br>USB PTZ camera for smart class<br>Omni directional USB microphone<br>Lecture recording & streaming for smart class |   |                             |   |

Stock Register Entry for 21 smart boards

# Lecture Capture Facility

Each smart classroom has lecture capture facility -

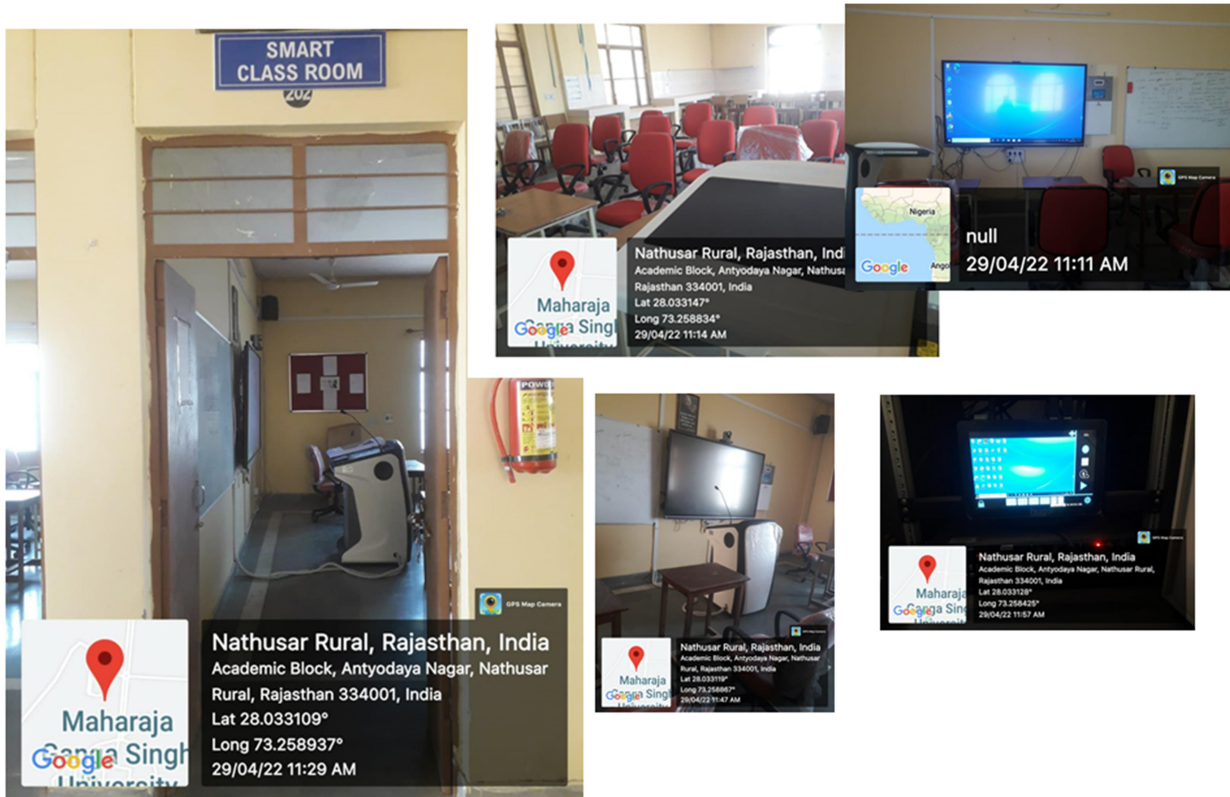




# Lecture Capture Facilities

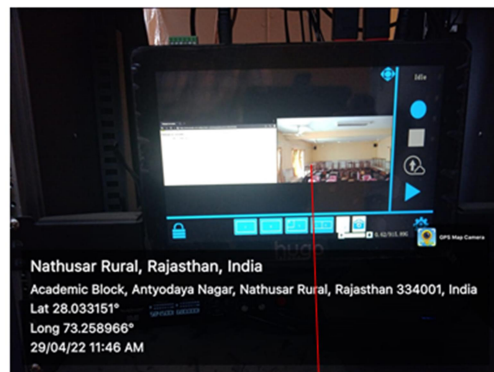
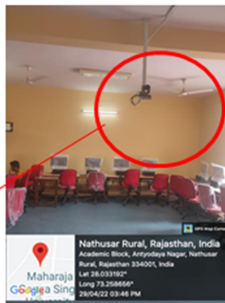
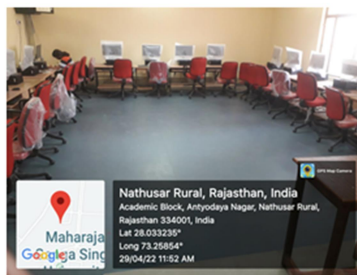
## ALL Smart Classrooms

### Smart Classroom 2 at Department of Computer Science



### Smart Classroom 2

### Smart Classroom 2 at Department of Computer Science



Installed Camera

Streaming Device

### Smart Laboratory

Smart Laboratory with smart board and lecture capture facility

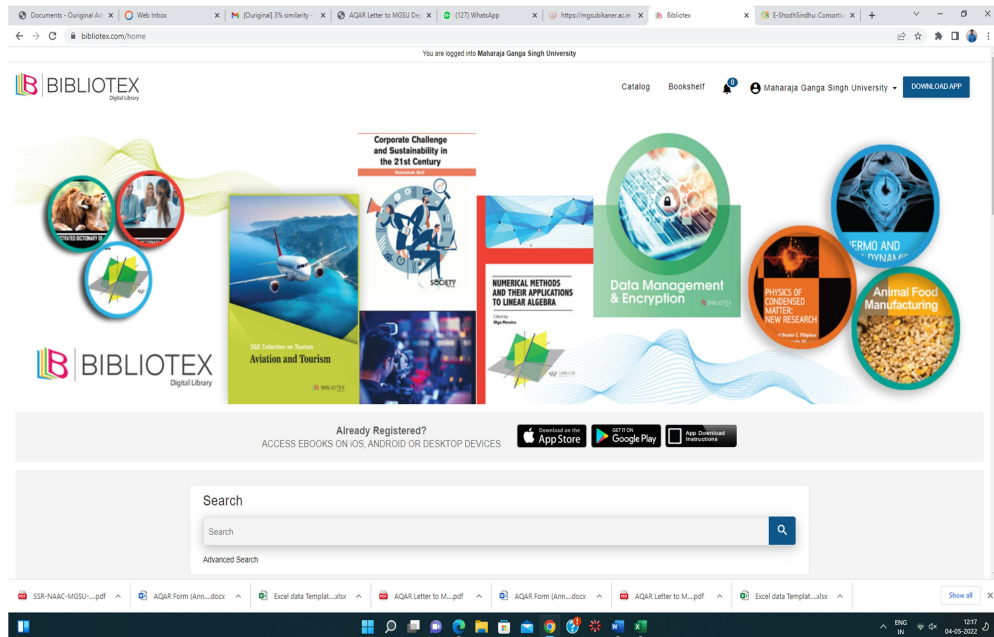


**Infrastructure/software available in Computer Science Laboratories**

| <b>S.No.</b> | <b>Item</b>   | <b>Issued To</b>                                  | <b>Stock Entry Date</b> |
|--------------|---|---|-------------------------|
| 1            | <b>Laboratory 1</b><br>HP Computer Systems-core i7 Processor, LED,<br>Dual mode(LINUX and Windows)  | IOT/ Data Science<br>Laboratory                   | 06/8/2021               |
| 2            | <b>Laboratory 2</b><br>HP Computer Systems-core i7 Processor, LED,<br>Dual mode(LINUX and Windows)  | Android/ NLP<br>Laboratory                        | 06/8/2021               |
| 3            | <b>Laboratory 3</b><br>Dell Computer Systems-core i7 Processor, LED,<br>Dual mode(LINUX and Windows)  | Cyber Security<br>Laboratory                      | 05-07-2017              |
| 4            | <b>Laboratory 4</b><br>HP Computer Systems – Core i9 Processor  | Machine Learning/<br>Image Analysis<br>Laboratory | 06/8/2021               |
| 5            | <b>Server Room</b><br>Main Server, Data server, NAS, UTM, 2kva<br>online UPS  | Server Room                                       | 5/6/2021                |
| 6            | <b>Cyber Security Virtual Lab</b><br>SkiVert cyberrange platform with following<br>modules & exercises<br>1. Ethical Hacking<br>2. Information Security<br>3. DevSecOps   | Laboratory 3                                      | 5/6/2021                |
| 5            | Open source Software installed in Labs-<br>LINUX<br>OpenGL<br>GNU<br>C++<br>MYSQL<br>ECLIPSE<br>XAMPP<br>QGIS<br>PROLOG<br>JAVA<br>PYTHON<br>Android Studio Plugin on Eclipse<br>Oracle Express Edition<br>Weka | N/A   | N/A                     |
| 6            | 10 KVA online UPS   | Department  | 22-11-2012              |
| 7            | LAN Switches (L2) Three nos   | Laboratory 1, 2 and 3                             | 2015                    |
| 8            | Head Phones for online tutorials  | Issued to Students<br>time to time as per<br>need | 02-02-2015              |

# Smart Library Facilities

## Subscription for e-Library resources



BiblioTex





DELNET

*Developing Library Network*

*New Delhi*

*www.delnet.in*

## *Certificate of Membership*

This certifies that

***Maharaja Ganga Singh University  
Bikaner***

is an Institutional Member of

***DELNET – Developing Library Network***

and is entitled to all benefits and privileges pertaining thereto.

Membership Number *IM – 7210* has been renewed and next  
renewal is due on February 26, 2022

Dr. Sangeeta Kaul  
Director  
DELNET, New Delhi

*Date of Issue: March 3, 2021*

DELNET

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lawfinderlive.com/Results.aspx?v=K%2b733f97nO2zVWb6GxGMD5AxLzN329Ei0AS1oI0hV6XhyJpWOYT2%2f%2bXTQ%2bOKVdL7HwJNlBLawtctYjTnQJTO8ndMWu6z2560%2fbBstotjPcKx5UP98hP9%2bU1mrx3u8b6mq2O6PM6LPwPA%3d%3d

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150 judgements found. Displaying from 1 to 10.

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| Search within Results | Eliminate from Results |

1. **Rajesh Pravinchandra Rajyaguru v. Gujarat Water Supply & Sewerage Board, (SC) 17.12.2021.**  
- Daily wage workers - Pay scale - Parity - Held, daily rated employees of Board cannot as matter of right claim parity of pay scales with Government employees - Action of Board in not granting benefit flowing from Govern  
Referred 1 times
2. **State of Karnataka v. C.N. Apporva Shree (SC) 17.12.2021.**  
- Compassionate appointment - No discrimination between unmarried and married daughter in compassionate appointment - Hence married daughter entitled for compassionate appointment.  
Referred 1 times
3. **Amit Sahni v. Union of India, (SC) 17.12.2021.**  
- Income Tax Act, 1961 Section 194A (3)(ixa)
4. **Pavarti Devi v. State of Bihar Now State of Jharkhand (SC) 17.12.2021.**  
- A. Indian Penal Code, 1860, Sections 34, 304B and 201 - Dowry Prohibition Act, 1961, Sections 3 and B
5. **Sunny Abraham v. Union of India (SC) 17.12.2021.**  
- A. Central Civil Services (Classification, Control and Appeal) Rules, 1965, Rule 14 - Income Tax Act, 1961 Section 133A Demand of money other than legal remuneration to settle matter - Quash
6. **Brigade Enterprises Limited v. Anil Kumar Virmani (SC) 17.12.2021.**  
- Consumer Protection Act, 2019, Section 35 (1)(c)- Consumer complaints by numerous consumers - Permission of National Commission to prosecute matter jointly who have purchased apartments in sam
7. **Govindan v. State (SC) 17.12.2021.**  
- A. Indian Penal Code, 1860 Sections 34, 302, 304 (ii) and 307 Scheduled Castes and The Scheduled Tribes (Prev

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# Law Finder

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|---|-------------------------------|-------------------|-------------------------------|-------------------|----------------------|
| Institute for Studies in Industrial Development (ISID) Database | April 2022 to March 2023      | Core              | --                            | --                | <a href="#">more</a> |
| JGate Plus (JCCC)   | January 2022 to December 2022 | Core              | --                            | --                | <a href="#">more</a> |
| JSTOR   | January 2022 to December 2022 | Core              | <a href="#">View Journals</a> | <a href="#">↓</a> | <a href="#">more</a> |
| Springer Link 1700 Collection and Nature Journal                | April 2022 to March 2023      | Core              | <a href="#">View Journals</a> | <a href="#">↓</a> | <a href="#">more</a> |

Showing 1 to 4 of 4 entries

Shodh Shuddhi Access

|                                      |  |  |                      |
|--------------------------------------|--|--|----------------------|
| URKUND Plagiarism Detection Software | National Licensing for all CFTI and Universities | Coordinator: Umesh Shamma (library@mgsuikaner.ac.in) | <a href="#">more</a> |
|--------------------------------------|--|--|----------------------|

NDL e-Resources

|                          |                                 |              |    |    |                      |
|--------------------------|---------------------------------|--------------|----|----|----------------------|
| World e-Book Library     | Now available through NDLI only | NDL Resource | -- | -- | <a href="#">more</a> |
| South Asia Archive (SAA) | National Licensing (Perpetual)  | NDL Resource | -- | -- | <a href="#">more</a> |

\*Access to the resource is continued. Rates are negotiated and orders being Placed

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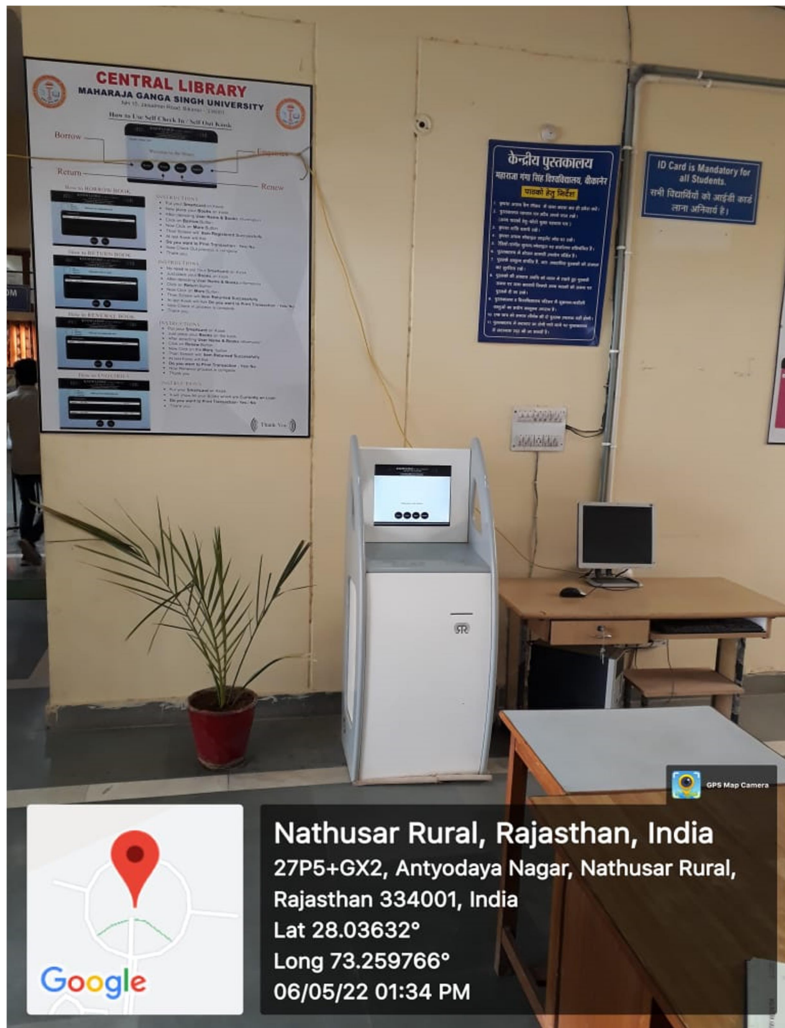
SSR-NAAC-MGSU...pdf | AQAR Form (Ann...docx | Excel data Templat...xlsx | AQAR Letter to M...pdf | AQAR Form (Ann...docx | AQAR Letter to M...pdf | Excel data Templat...xlsx | [Show all](#)

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SodhSindhu

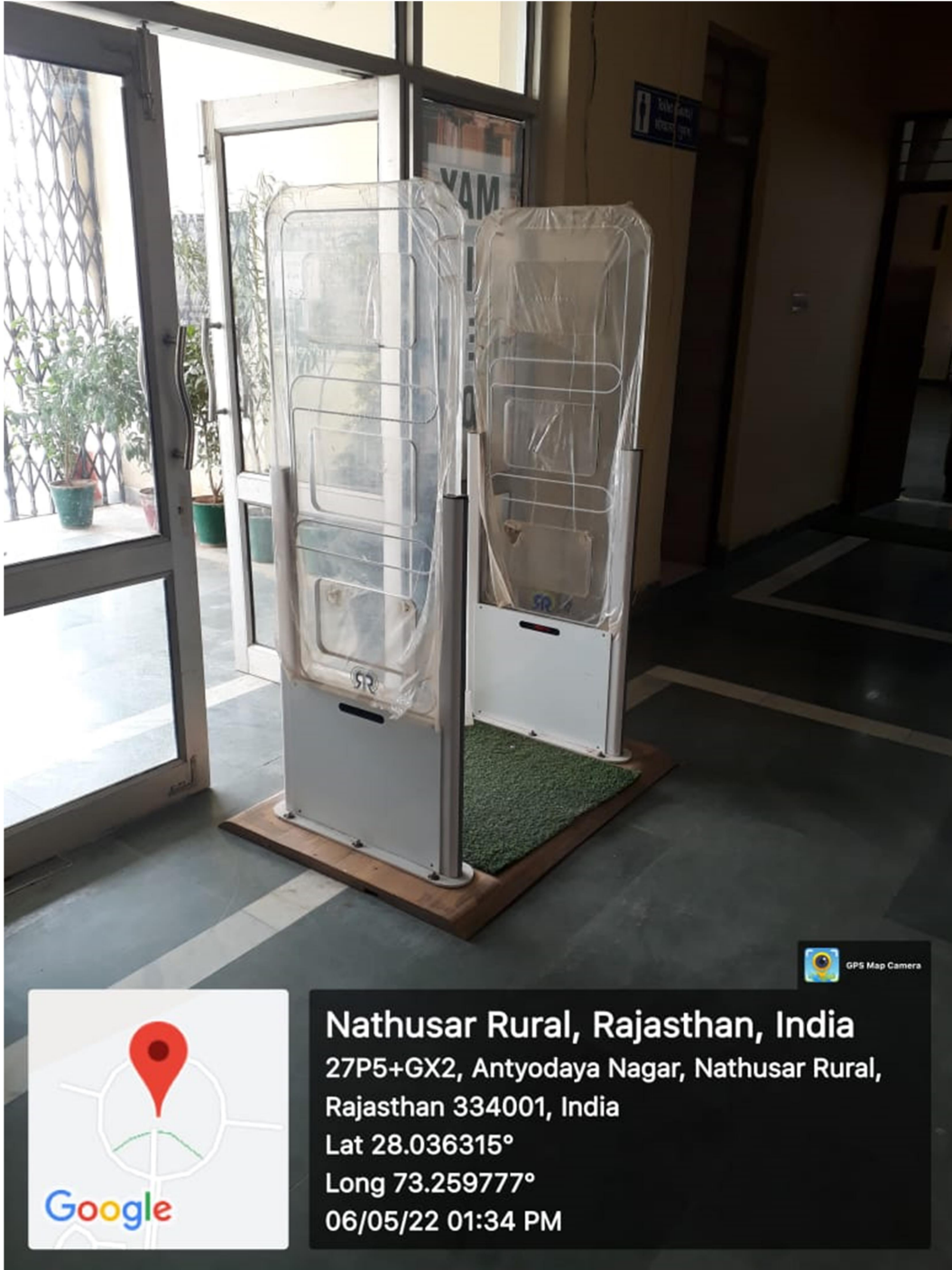
# Integrated Library Management System (ILMS)

Central Library at MGSU is a state-of-art fully automated installed with RFID system.

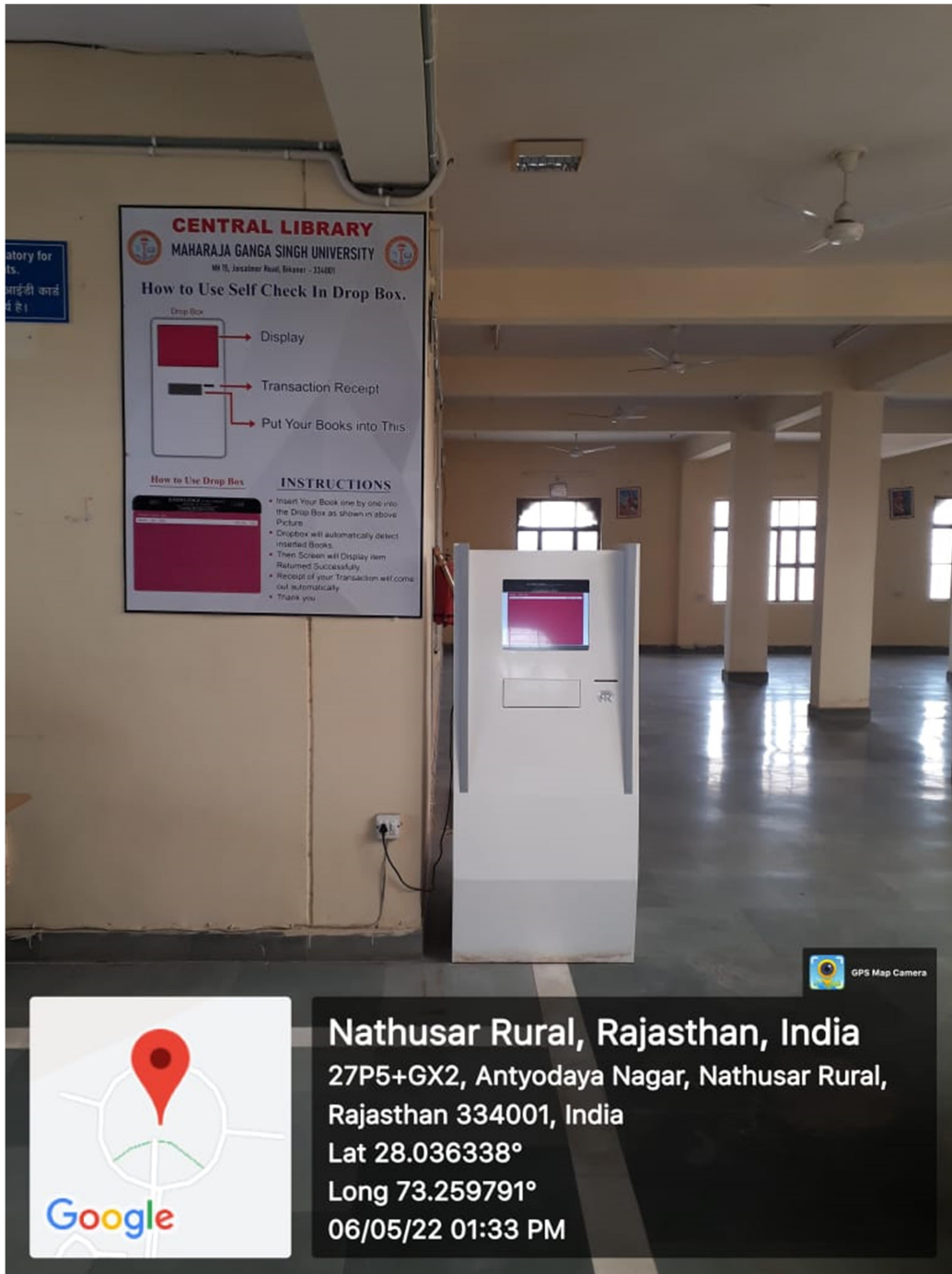


RFID Kiosk





RFID Gate



**CENTRAL LIBRARY**  
MAHARAJA GANGA SINGH UNIVERSITY  
M-10, Jorasmer Road, Bikaner - 334001

**How to Use Self Check In Drop Box.**

Drop Box

- Display
- Transaction Receipt
- Put Your Books into This

**How to Use Drop Box**

**INSTRUCTIONS**

- Insert Your Book one by one into the Drop Box as shown in above Picture
- Dropbox will automatically detect inserted Books.
- Then Screen will Display item Returned Successfully.
- Receipt of your Transaction will come out automatically.
- Thank you



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Rajasthan 334001, India  
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RFID Book Drop Box

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**Father of Lib. Sci. In India**  
"The Laws of Library Science"

**Home**



The Central Library of Maharaja Ganga Singh University established in 2013 with aims to cater to academic interest of readers such as under postgraduates, research scholars, faculty . Fully computerized Central Library of Maharaja Ganga Singh University is a treasure house of knowledge comprising around 24053 books and approximates 84 Print Journals both national and international subscribed by the University over last 08 years. All these valuable resources are well organized in the 52487.74Sqm Area, where more than 150 users can sit at a time. The central library is also using SOUL (Software for University Libraries) for library routine works.

Library provides computer terminal facilities to students for Internet, Photocopying, Scanning services, Reference service and Documentation service such as CAS and SDI service. Journal Section of Central Library has subscription many Foreign & Indian Journals .All journals are indexed with the help of Soul 2.0 Software. Library also has subscribed following online

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## Digital Repository