



# DIGITALIZATION OF RMU

# COMPLETED PROJECT

## 1. Data Center (Completion date: Nov 2021)


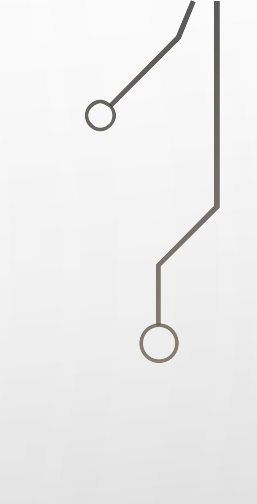

Rawalpindi Medical University has established a cost-effective data center for centralized control of IT operations and services.





## 2. Pakistan Education and Research Network (PERN) (Completion date: Dec 2021)

Pakistan education and research network initiated by Government of Pakistan under the administration of HEC. The main objective of PERN to support and enhance the research and educational capabilities of public sector universities. PERN provides the following research and educational facilities.

- High speed internet bandwidth.
  - Intranet Bandwidth.
  - Research Bandwidth Connectivity to following research networks.
  - National research and education network (NREN) Global research network.
  - Trans Eurasia Information Network (TEIN),
  - China Education and Research Network (CERNET)
  - GEANT is the pan-European data network for research
  - Canadian Network for the Advancement of Research, Industry and Education CANARIE (Canada)
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### 3. Smart Classroom (Completion date: Mar 2022)

The establishment of Smart Classroom setup can play a pivotal role to enhance students -teachers interaction through interactive online & distance learning, bridge the gap of good faculty, meet the shortage of faculty members at the universities/ campuses located at far-flung areas and ultimately to uplift the standard of education across the board.



#### 4. Smart University & Safe Campus (Completion date: Nov 2021)

WIFI Coverage of whole campus (which includes hostel cafeteria open area classroom auditorium corridors grounds etc.). Surveillance Camera installation for security purpose.

For Research User International Roaming service. A User automatically connected within more than three hundred universities in Pakistan and international universities which are connected to PERN network.



## 5. Digital Library (Completion date: Nov 2021)

Provide access to online international scholarly literature for research purpose. It also provide the access to high quality general articles and e-books through PERN.

RMU is now offering the HEC Digital Library facility to the faculty and students, as an on-campus facility.

The Digital Library is a collection of electronic resources that provides direct/indirect access to a systematically organized collection of digital objects.

- HEC National Digital Library (DL) is a program to provide access to international scholarly e literature.
- Providing access to high quality, peer-reviewed journals, databases, articles and e-Books across a wide variety of disciplines to researchers within public and private universities in Pakistan and non-profit research and development organizations.
- It provides 50,000 online full text e-books in addition to more than 23,000e-journals

Continue...

## 5.1 Digital Library

### Available Resources

1. INSTITUTE FOR OPERATIONS RESEARCH AND THE MANAGEMENT SCIENCES (INFORMS)
2. SPRINGERLINK
3. TAYLOR & FRANCIS Journals
4. WILEY-BLACKWELL JOURNALS
5. WOLTERS KLUWER OVID SP

Link: <http://www.digitallibrary.edu.pk/rmc.html>



PAKISTAN NATIONAL DIGITAL LIBRARY

HOME NEWS AND EVENTS JOURNAL LISTINGS INSTITUTIONS USEFUL LINKS BRITISH LIBRARY CONTACTS

NAVIGATION MAP

### Rawalpindi Medical University, Rawalpindi

<b>Institutional Representative</b>	Mr. Farooq Ahmad Khan
<b>Designation</b>	IT Manager
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<b>Website</b>	<a href="http://www.rmur.edu.pk">http://www.rmur.edu.pk</a>

## 6. Learning Management System (LMS) (Completion date: Sep 2021)

An online integrated software use for creating, delivering, tracking, scheduling, assessments and reporting of educational courses.

The image displays two screenshots of the Rawalpindi Medical University Learning Management System (LMS) interface.

**Left Screenshot (1st Year 2022):**

- Header:** Rawalpindi Medical University logo and name, with navigation links for HOME and COURSES.
- Course Title:** 1ST YEAR 2022
- Navigation:** Dashboard / Courses / MBBS / MBBS Batch 49 - RMU / 1MBBS49
- Left Sidebar:** Menu items include 1MBBS49, Participants, Badges, Competencies, Grades, General, QURAN TRANSLATION, 1st Year Foundation Module 2022 (ID=MBBS-1-FM-22), 1st Year Musculoskeletal Module-1 2022 (ID=MBBS-1-MS1-22), and 1st Year Musculoskeletal Module-2 2022 (ID=MBBS-1-MS2-22).
- Notifications:** FOUNDATION MODULE; QUIZ-2 (GROUP A) and FOUNDATION MODULE; QUIZ-2 (GROUP B). Both are open on Friday, 15 April 2022.
- Calendar:** September 2022 calendar showing dates 1-30.
- Settings:** Turn editing on button.

**Right Screenshot (3rd Year 2022 - Batch 47):**

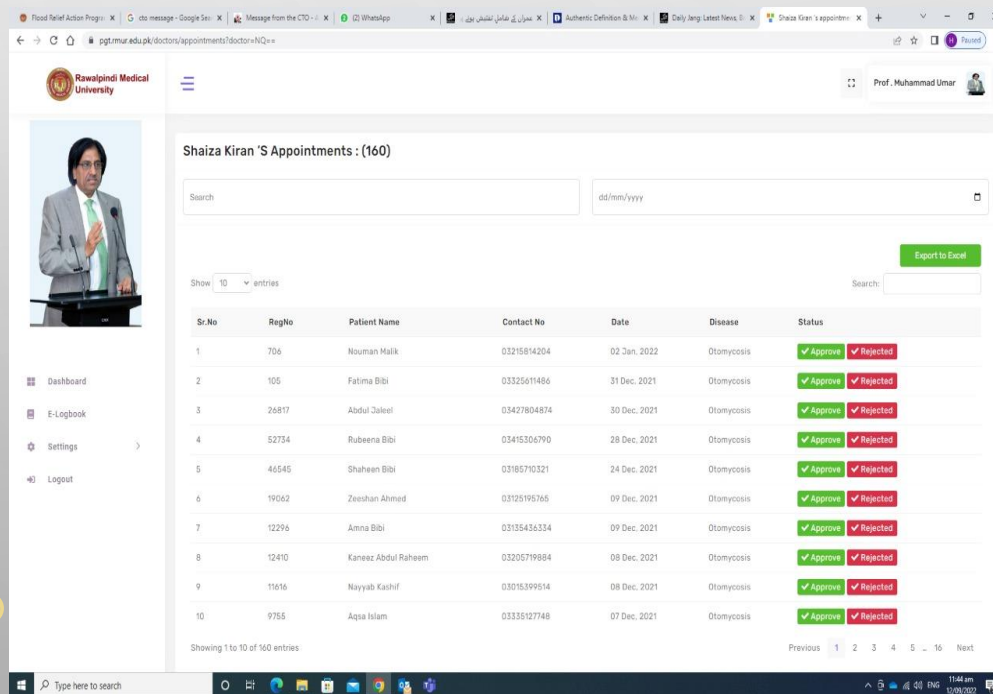
- Header:** 3RD YEAR 2022 - BATCH 47
- Navigation:** Dashboard / Courses / MBBS / MBBS Batch 47 - RMU / 3rd Yr 2022
- Left Sidebar:** Menu items include 3rd Yr 2022, Participants, Badges, Competencies, Grades, General, 3rd Year Foundation Module - 1 (ID=MBBS3FM122), 3rd Year Foundation Module - 2 (ID=MBBS3FM222), 3rd Year GIT & Parasitology Module (ID=MBBS3GIT22), and 3rd Year Microbes & Antimicrobials Module (ID=MBBS3MIC22).
- Calendar:** A detailed academic calendar for Session 2022-2023, showing months from August to August.
- Notifications:** Important Notifications For The Class, 3rd Year Psychiatry Lectures, and Combined Test - GIT & Parasitology Module.
- Settings:** Turn editing on button.



## 7. Online (Patient Data) (Completion date: Jan 2022)

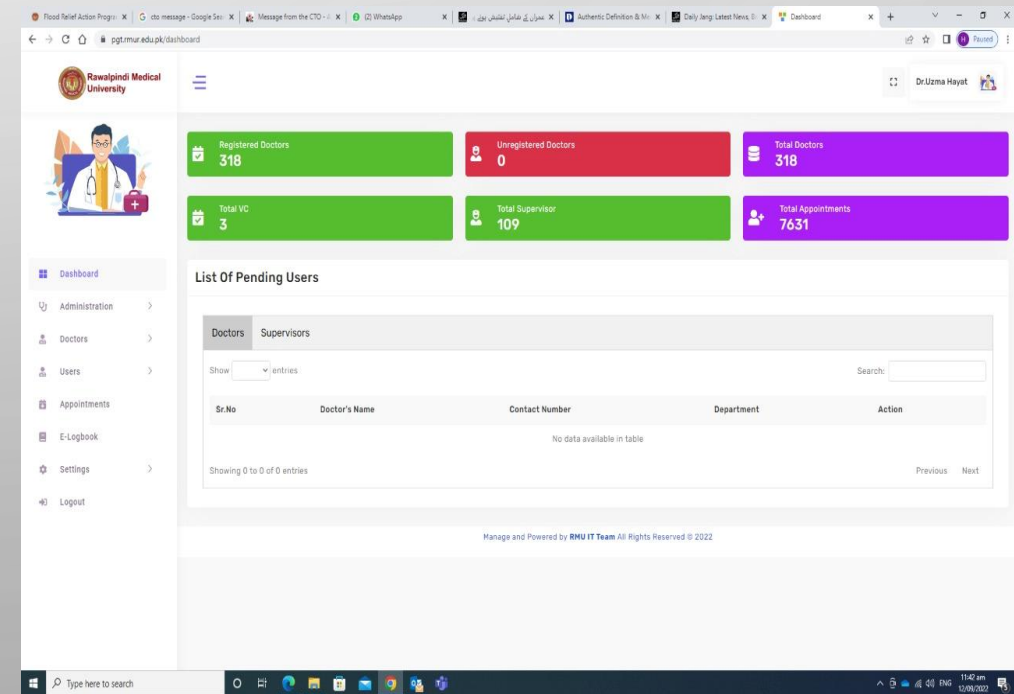
Rawalpindi Medical University Initiate first time in Pakistan to promote real time and authentic research base patient data through online system. This step promote the authenticity of research and discourage the fake patient data. A verification system is also in place to check the accuracy of this data.

Link: <https://pgt.rmur.edu.pk/>



The screenshot shows the 'Shaiza Kiran'S Appointments : (160)' page. It features a search bar with 'dd/mm/yyyy' as a placeholder and an 'Export to Excel' button. Below is a table with columns: Sr.No, RegNo, Patient Name, Contact No, Date, Disease, and Status. The status column contains 'Approve' and 'Rejected' buttons for each entry.

Sr.No	RegNo	Patient Name	Contact No	Date	Disease	Status
1	706	Nouman Malik	03215814204	02 Jan, 2022	Otomycosis	Approve Rejected
2	105	Fatima Bibi	03325611486	31 Dec, 2021	Otomycosis	Approve Rejected
3	26817	Abdul Jaleel	03427804874	30 Dec, 2021	Otomycosis	Approve Rejected
4	52734	Rubeena Bibi	03415306790	29 Dec, 2021	Otomycosis	Approve Rejected
5	46545	Shahaan Bibi	03195710321	24 Dec, 2021	Otomycosis	Approve Rejected
6	19062	Zeeshan Ahmed	03125195765	09 Dec, 2021	Otomycosis	Approve Rejected
7	12276	Amna Bibi	03135436334	09 Dec, 2021	Otomycosis	Approve Rejected
8	12410	Kaneez Abdul Raheem	03205719884	08 Dec, 2021	Otomycosis	Approve Rejected
9	11616	Nayyab Kashif	03015399514	08 Dec, 2021	Otomycosis	Approve Rejected
10	9755	Aqsa Islam	03335127748	07 Dec, 2021	Otomycosis	Approve Rejected



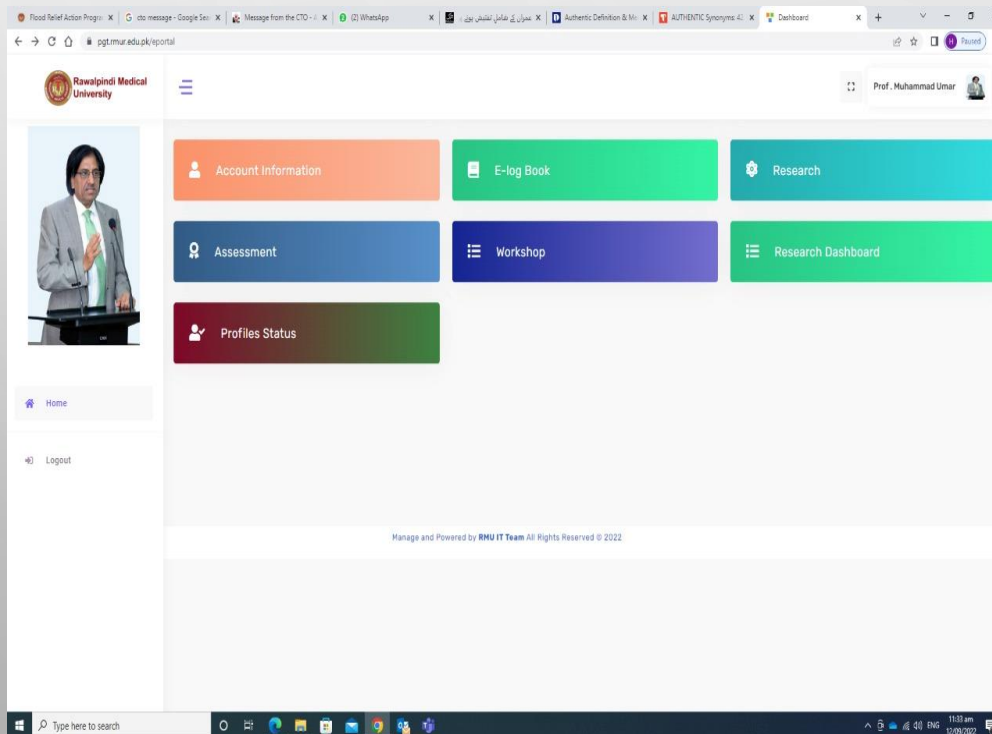
The screenshot shows the dashboard for Dr. Uzma Hayat. It features several key statistics cards: Registered Doctors (318), Unregistered Doctors (0), Total Doctors (318), Total VC (3), Total Supervisor (109), and Total Appointments (7631). Below these is a 'List Of Pending Users' section with tabs for Doctors and Supervisors. The table below is currently empty, showing 'No data available in table'.

Sr.No	Doctor's Name	Contact Number	Department	Action
No data available in table				

## 8. E-logbook System (Completion date: Feb 2022)

It is a structured portal in which certain types of educational activities and patient related information is recorded. E-logbooks are used for undergraduate to postgraduate training in electronic format.

Link: <https://pgt.rmur.edu.pk/>



Rawalpindi Medical University

Prof. Muhammad Umar

Account Information

E-log Book

Research

Assessment

Workshop

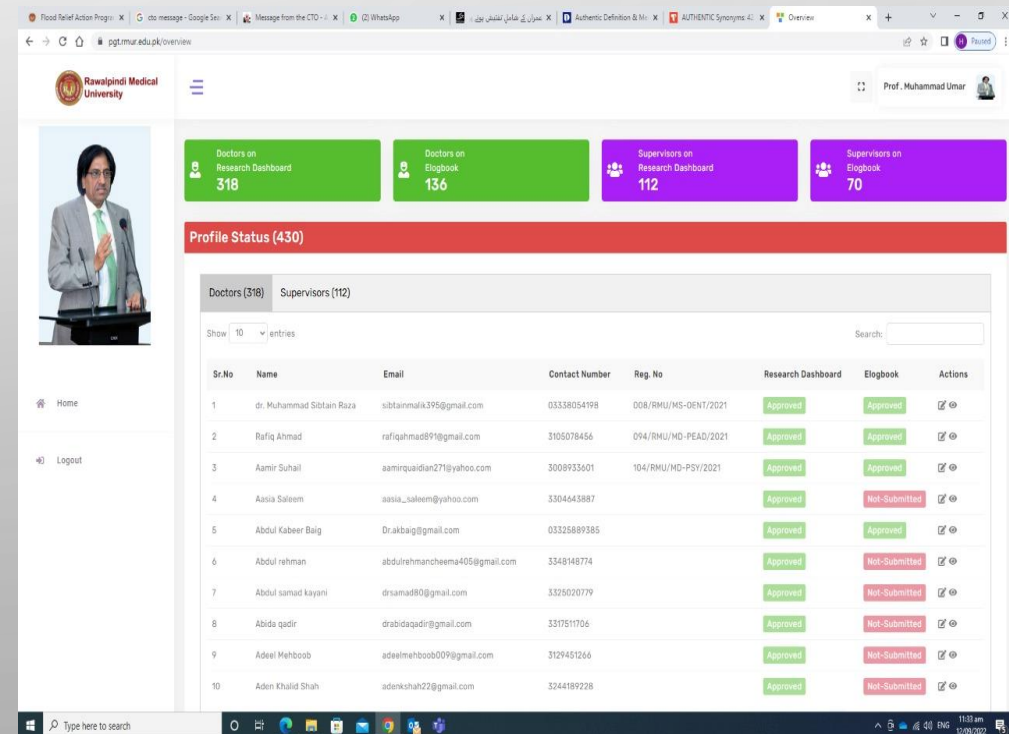
Research Dashboard

Profiles Status

Home

Logout

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Rawalpindi Medical University

Prof. Muhammad Umar

Doctors on Research Dashboard: 318

Doctors on Elogbook: 136

Supervisors on Research Dashboard: 112

Supervisors on Elogbook: 70

Profile Status (430)

Doctors (318) Supervisors (112)

Show 10 entries

Sr.No	Name	Email	Contact Number	Reg. No	Research Dashboard	Elogbook	Actions
1	dr. Muhammad Sibtain Raza	sibtainmalik395@gmail.com	03338054198	008/RMU/MS-DENT/2021	Approved	Approved	🔍 🗑️
2	Rafiq Ahmad	rafiqahmad891@gmail.com	3105078456	094/RMU/MD-PEAD/2021	Approved	Approved	🔍 🗑️
3	Aamir Suhail	aamirquaidian271@yahoo.com	3008933601	104/RMU/MD-PSY/2021	Approved	Approved	🔍 🗑️
4	Aasia Saleem	assia_saleem@yahoo.com	3304443887		Approved	Not-Submitted	🔍 🗑️
5	Abdul Kabeer Baig	Dr.akbaig@gmail.com	03326889385		Approved	Approved	🔍 🗑️
6	Abdul rehman	abdulrehmancheema405@gmail.com	3348148774		Approved	Not-Submitted	🔍 🗑️
7	Abdul samad kayani	drsamad80@gmail.com	3326020779		Approved	Not-Submitted	🔍 🗑️
8	Abida qadir	drabidaqadir@gmail.com	3317511706		Approved	Not-Submitted	🔍 🗑️
9	Adeel Mehboob	adeelmehboob009@gmail.com	3129451266		Approved	Not-Submitted	🔍 🗑️
10	Aden Khalid Shah	adenkhalid22@gmail.com	3244189228		Approved	Not-Submitted	🔍 🗑️

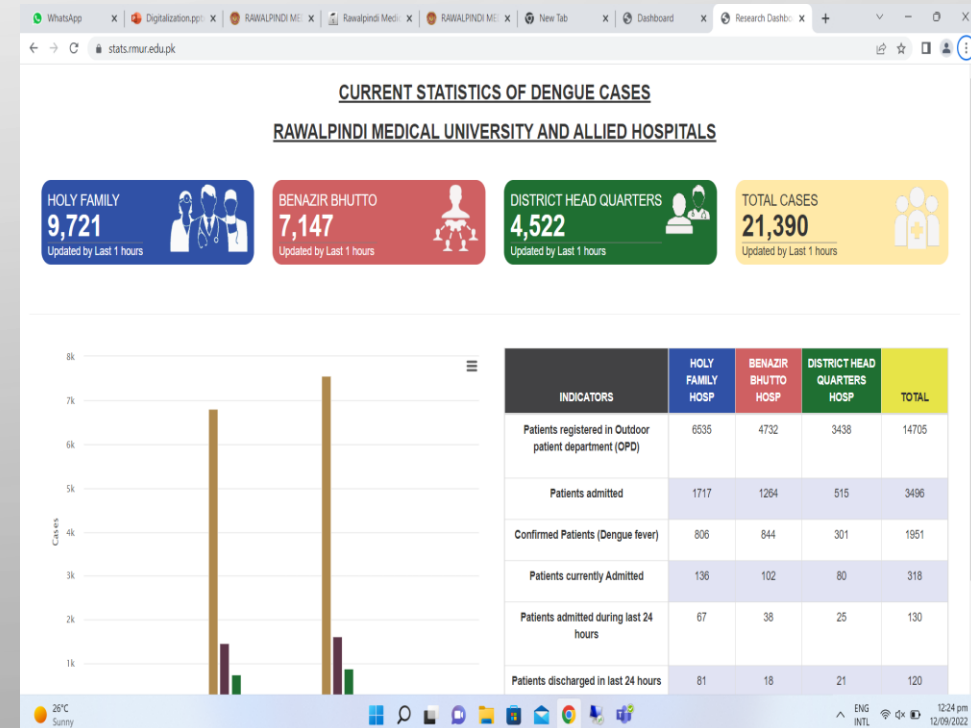
Home

Logout

## 9. Online Dashboard of RMU Research Data (Completion date: Oct 2022)

This system provides the online current statistics of patient data, research data, e-log system and status of Dengue patients of Rawalpindi Medical University and Allied Hospitals.

Link: <https://stats.rmur.edu.pk/>



## 10. Deployment of E-mail System (Completion date: Aug 2022)

- A) Migration of unlicensed mailboxes to licensed mailboxes without any loss of data.
- B) Enhance the capacity of data storage in mailboxes 1 GB to 1 TB cloud storage per user.
- C) Increase the number of email accounts from 200 to 5500 licensed account with the facility of one drive and Microsoft teams.
- D) 150 Microsoft A3 activated licence for faculty.

### Features:

- Outlook (Email)
- Teams (Meeting, Research Collaboration, Research Group)
- Forms (Survey, Quiz, Polls, Reviews)
- Office Applications (Word, Excel, Power point)

## 11. Software Licencing (Completion date: Aug 2022)

Rawalpindi medical university has an engagement with Microsoft through HEC for volume licensing for their faculty students and researchers which includes Turnitin, Windows Server, MS Office 365 and MS Teams.

Turnitin (stylized as turnitin) is an Internet-based plagiarism detection service.

- Unlimited license for faculty
- 300 license for students
- Faculty and students should have RMU official e-mail address
- Instructor can create class and add students in class for research purpose.
- Uphold academic integrity
- Superpower your assessment
- Foster original thinking

Link: <https://turnitin.com/>

## 12. Fiber Connectivity (Completion date: Nov 2021)

Fiber connectivity between different department building department lecture halls auditorium and hostel.

# 13. Campus Management System (CMS) ( 2022-2024 )

A Campus Management System (CMS) is in implementation stage in the RMU. It will automate the different key processes of university. From admission to examination.

The following modules have created:

1. Online Patient Data for Research (link: <https://pgt.rmur.edu.pk/>)
2. Electronic log book (link: <https://pgt.rmur.edu.pk/>)
3. Student Registration

