

**MULTIDISCIPLINARY RESEARCH UNIT (MRU)**  
**SPONSORED BY**  
**DEPARTMENT OF HEALTH RESEARCH (DHR)**  
**Ministry of Health & Family Welfare**  
**Government of India**

**Address:-** **Multidisciplinary Research Unit,  
5<sup>th</sup> Floor, Academic Building (Old Library)  
Rajendra Institute of Medical Sciences (RIMS)  
Ranchi, Jharkhand-834009  
Email address-mrurimsranchi@gmail.com**

## **Multidisciplinary Research Unit-RIMS Ranchi**

Multidisciplinary Research Unit (MRU) has been established at Rajendra Institute of Medical Sciences (RIMS) Ranchi with the help of the Department of Health Research (DHR), Ministry of Health & Family Welfare, Government of India, which was sanctioned after an MOU was signed by Government of Jharkhand & Department of Health Research to improve the research activities at RIMS Ranchi Jharkhand.

Its facility is open to everybody working for clinical research on non-communicable diseases. MRU is located at fifth floor of academic building (old Library). It will be a state of art facility for basic, clinical, and diagnostic molecular research.

Faculty members and others who want to submit research proposals for extramural funding are encouraged to use the facility of MRU-RIMS. This could reduce the proposed budget and thus augment the probability of acceptance by the funding agencies.

### **OBJECTIVES OF THE MRU**

- To promote and encourage quality medical research in the Institution.
- Bridge the gap in the infrastructure which is inhibiting health research in the Medical Colleges.
- To undertake research in non-communicable diseases and other need-based research as recommended by the Local Research Committee/Expert Committee of the DHR.

## **Proposed Instruments are :**

S.No	Name of Instruments
1	Real Time PCR
2	Gel documentation system
3	Auto-analyzer, fully-automatic
4	Fluorescent Microscope
5	ELISA Plate Reader
6	ELISA Washer
7	Table top micro-centrifuge-refrigerated
8	Table top micro-centrifuge-non-refrigerated
9	Bio-safety Cabinet
10	Ultra Low Deep Freezer (-80°C)
11	Water purification systems
12	Thermal Cycler
13	CO <sub>2</sub> Incubator
14	Electrophoresis (Horizontal, vertical, Western blotting apparatus) with power pack
15	Hot Air Oven
16	Ice flaking machine
17	Incubator
18	Laboratory Refrigerator
19	Single channel Pipettes
20	Multi-channel Pipettes
21	Lab Freezer (-20°C)
22	Vertical Autoclave
23	Vortex Mixer
24	Water bath
25	Laboratory Glassware
26	Vertical Autoclave