

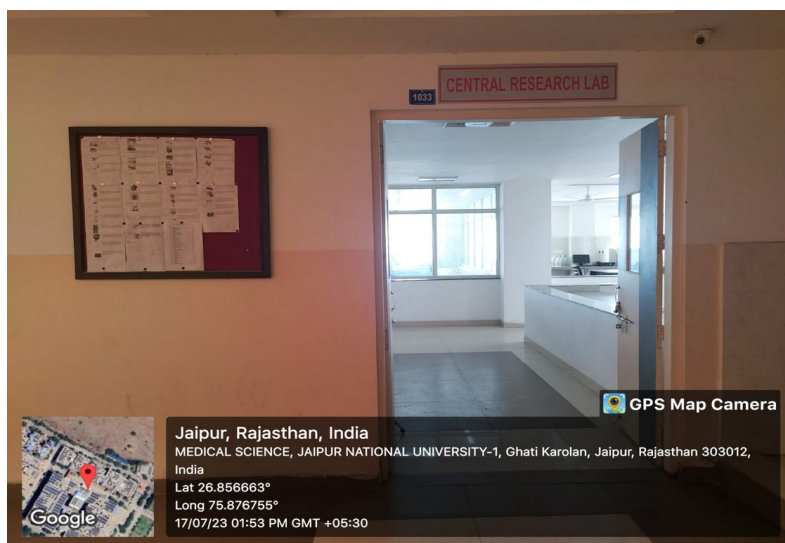
# CENTRAL RESEARCH LAB

SINCE 2019

## JAIPUR NATIONAL UNIVERSITY INSTITUTE FOR MEDICAL SCIENCES AND RESEARCH CENTRE, JAIPUR



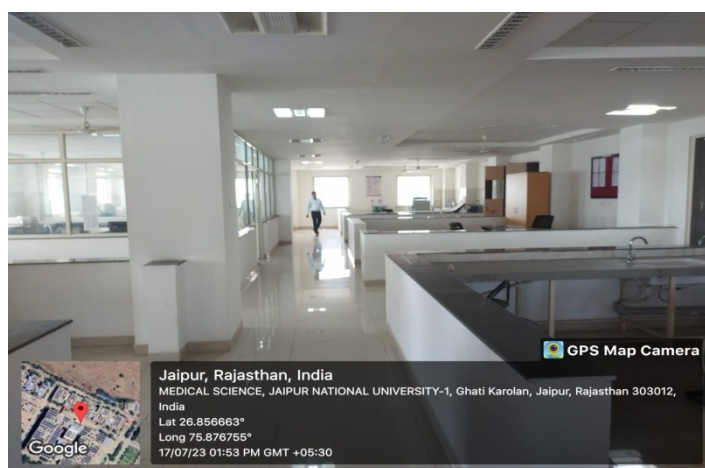
Advances in medicine and science come from new ideas and approaches developed through research. Central Research Laboratory (CRL) is a facility that provides centralized research infrastructure to benefit investigators in multiple disciplines across Jaipur National University Institute for Medical Sciences & Research Centre, Jaipur. CRL is Located on the first floor of the college building and our mission is to provide a comfortable, safe and effective environment to conduct professional, high-quality research. This is achieved by providing the necessary environment, equipment and personnel to achieve research goals. CRL acts as a single point of contact for investigators to accelerate their research study and provides structured environment where researchers, undergraduates, Postgraduates and clinicians can work together on projects that are relevant and fundamentally important.



**Fig. 1 Central Research Laboratory, JNUISMRC**

This facility is extensively used by our staff for completing their External and Internal Research funding projects, postgraduates for completing their thesis/research projects as well as by undergraduates to complete their STS ICMR projects and for any short-term research projects.

A central research Lab committee is constituted which is responsible for upgradation of the CRL and regular AMC of all instruments as well as maintenance of the Lab.



**Fig. 2 Central Research Laboratory for MBBS Students & Post Graduates**

**List of equipments in Central Research Lab**

S.No	Item name	Qty.
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1.	Refrigerated centrifuge	1 NO.
2.	PCR with gel doc	1 NO.
3.	Serological water bath	1 No.
4.	Salter baby wait machine	1No.
5.	Semi auto biochemistry analyzer	1 NO.
6.	PC based double beam spectrophotometer	1 NO.
7.	IR affinity 1( Fourier transform IR Photometer )	1 NO.
8.	HPLC (shimadzu mod no. SPD – 20A)	1 NO.
9.	Laminar air flow	1 NO.
10	Kymograph	2 NO.
11	Bicycle ergo meter	2 NO.
12.	Flame photometer	1 NO.
13.	Single channel physiograph	1 NO.
14.	Jacguector graphic chrometer	2 NO.
15.	Electrophoresis machine	1 NO.
16.	Digital spectrophotometer	1 NO.
17.	A-GAA-MC (gas analyzer )	1 NO.
18	Ph meter	1 NO.
19	Hot air oven	1 NO.
20.	Laboratory centrifuge	1 NO.
21.	Disintegration test apparatus	1 NO.
22.	Analytical balance	1 NO.
23.	Paraffin embedded bath	1 NO.
24.	Digital photo colorimeter	1 NO.
25.	Electronic weighing machine	1 NO.
26.	Laboratory centrifuge	1 NO.
27.	Weighing machine (adult )	1 NO.
28.	Spiro meter	2 NO.
29.	Binocular microscope	7 NO.
30	Centrifuge high speed 12x15 ml	2 NO.
31.	Balance chemistry 220 cap. 0.1 mg accu electrical	1 NO.
32.	Water distillation apparatus SS	1 NO.
33.	Orbital shaking incubator	1 NO.
34.	Sphygmomanometer	1 NO.