

The Institute provides the following academic facilities:

Demo Rooms

Total 22 Demonstration halls with teaching facility to cater to the needs of the students are there in the institute. The halls are equipped with fair number of books and journals to conduct teaching-learning sessions. In addition audio-visual facilities (LCD TV, LCD Projector and PA system) are also available.

Common Rooms

Adequate rooms have been provided for all staff members, including office rooms. All senior faculty members have designated rooms in their corresponding departments. Junior faculty members and postgraduate students share common rooms in their departments. Adequate wash rooms for both genders are available in all the sections of the institute. All students are provided single rooms in the hostels. No separate common rooms are provided for undergraduate students as the hostels on campus are just walking distance away from the hospital.

Laboratories and Museums

List of laboratories:

Student practical laboratories:

1. Dept of Anatomy- 2 labs
2. Dept of Physiology
3. Dept of Biochemistry
4. Dept of Pathology
5. Dept of Microbiology
6. Dept of Pharmacology
7. Dept of Forensic Medicine and Toxicology
8. Dept of Community Medicine

Specialized laboratories:

1. Cytogenetics laboratory: Dept of Anatomy
2. Histology laboratory: Dept of Anatomy
3. Clinical Physiology laboratory: Dept of Physiology
4. Hematology Laboratory: Dept of Physiology
5. Amphibian laboratory: Dept of Physiology
6. Reproductive Biology Laboratory: Dept of Physiology
7. Neurophysiology Laboratory: Dept of Physiology
8. Impedance Cardiovasography (ICVG) Laboratory: Dept of Physiology
9. Sleep Laboratory: Dept of Physiology
10. Postgraduate Students Laboratory: Dept of Biochemistry
11. Clinical biochemistry laboratory: Dept of Biochemistry
12. Research Laboratory: Department of Biochemistry
13. Central Research Laboratory: JBTDRC
14. Histopathology Laboratory: Dept of Pathology
15. Cytology Laboratory: Dept of Pathology

16. Hematology Laboratory: Dept of Pathology
17. Coagulation and Serology Laboratory: Dept of Pathology
18. Flow cytometry laboratory: Dept of Pathology
19. Immunohistochemistry laboratory: Dept of Pathology
20. Research laboratory: Dept of Pathology
21. Clinical Pathology Laboratory: Dept of Pathology
22. Blood grouping and Serology laboratory: Blood bank, Dept of Pathology
23. Blood transmissible diseases screening laboratory: Blood bank, Dept of Pathology
24. Component preparation laboratory: Blood bank, Dept of Pathology
25. Bacteriology Laboratory: Dept of Microbiology
26. Mycobacteriology Laboratory: Dept of Microbiology
27. Mycology Laboratory: Dept of Microbiology
28. Serology laboratory: Dept of Microbiology
29. Immunology Laboratory: Dept of Microbiology
30. Virology Laboratory: Dept of Microbiology
31. Parasitology Laboratory: Dept of Microbiology
32. Molecular biology laboratory: Dept of Microbiology
33. BSL3 Laboratory: Dept of Microbiology
34. Experimental Pharmacology Laboratory: Dept of Pharmacology
35. Clinical Pharmacology Laboratory: Dept of Pharmacology
36. Toxicology Laboratory: Dept of Forensic Medicine and Toxicology
37. Public Health Laboratory: Dept of Community Medicine
38. Common Collection Central Laboratory: OPD
39. Temporal bone dissection Laboratory: Dept of ENT
40. SICS and Phaco Web Lab: Dept of Ophthalmology

List of museums:

S. No.	Department	Exhibits/ Specimens	Seating capacity
1	Anatomy	Mounted specimens: 125 Anatomy Models: 33 Embryology models: 90 Anthropology models: 4 Comparative anatomy models: 16 Bones: 91 Radiographs, MRI and CT: 65	25
2	Pathology	Mounted specimens: 1250 Charts and diagrams: 100 Catalogues: 20	10
3	Microbiology	Specimens: 79 Charts: 63 Models: 6 Media: 14 Antigen: 13 History of Medicine charts Catalogues	25
4	Pharmacology	Specimens: 225	25

		Charts: 47 Models: 90 History of Medicine: 30 Catalogues: 49	
5	Forensic Medicine	Mounted specimens: 107 Wax Models: 15 Clay models: 10 Weapons: 37 Charts: 45 Prototype firearms: 2 Poisons: 63 Photographs: 37 X rays: 60	
6	Community Medicine	Charts: 42 Models: 51 Specimens: Catalogues: 30	

Central Library:

The Central Library at MGIMS has now acquired several modern additions. A 24X7 dedicated library server has been accommodated in the server room of the HIS. With this new facility, the library has gone digital and is tuned to deliver its vast e-resources to its users, who can access all its resources at their computer terminals or smart phones and other wifi enabled gadgets in the comfort of their rooms. The library management software was also upgraded to the latest version SLIM21. This software is designed and developed in modules to automate the library with features such as cataloguing, circulation, webOPAC, digital library, Dcoll module and smart card interface. This year, in addition to print journals, the library subscribed to 28 online journals with very high impact factors including The Lancet, The New England Journal of Medicine, the BMJ and the Annals of Internal Medicine.

Centralized Skills lab and Simulation Training Centre:

A centralized clinical skills laboratory has been set up since 2012-13. This not only fulfilled the MCI mandatory requirement but has also been utilized to teach and assess all levels of learners. Now, MGIMS has established a much larger modern simulation lab to train doctors and paramedical staff in life saving skills. The project called by the acronym MIST, which stands for MGIMS Institute for Simulation Based Training. The project funded by KHS, has already procured mannequins to teach participants CPR during AHA accredited basic life support skills (BLS) and advanced cardiovascular life support skills (ACLS) courses, which are in line with the latest 2015 training guidelines of the American Heart Association (AHA). The lab also has a critical care simulation advanced mannequin which is first of its kind in whole of central India. The project is run by the Department of Anesthesia. In 2015-16, MIST-Sevagram conducted two AHA-accredited BLS and ACLS workshops and trained 42 participants

The skills lab has seating space, blackboard and an LCD projector to conduct classes for groups up to 25 students at a time. This is a list of equipment available in the centralized skills laboratory for students teaching:

- Dummy to train in basic and advanced life support
- Pediatric PALS or PBLIS child mannequins with expandable lungs- for teaching CPR, airway management, IV, ECG, umbilical cannulation, intraosseous infusion
- Adult ACLS mannequin with interactive arrhythmia simulator- to teach CPR, airway management, intravenous and intramuscular injections, BP measurements and defibrillation support, ECG monitoring
- Child heart and lung sound trainer/ simulator
- Adult CPR torso with light controller with ambu bag
- ECG simulator (both adult and pediatric) for demonstration of various rhythms in adult and child. Can be connected to defibrillator and external pacer
- Suture practice arm
- Male and female catheterization simulator
- Surgery and laparoscopy trainer
- Childbirth simulator- for normal, breech and vertex delivery, two fetus (for Leopold's manoeuvre and foetal position), full term foetus with fontanelles and cranial sutures, placenta with cord • Articulating fetus
- Articulating pelvis- to demonstrate childbirth, fetal head progress through pelvis-- female pelvis with movable symphysis, hip bone, sacrum, coccyx and two lumbar vertebrae
- Cervical dilatation assessment model
- Episiotomy and perineal laceration training simulator
- Model showing female reproductive organs
- Fetal skull 30 wk gestation
- Female pelvis 102
- Model showing perineum with ligaments, nerves, pelvic floor and organs(6 part model)
- Model for IUCD insertion- family planning educator

Computer lab

All students have access to computers in (a) Computer lab (b) Library (c) Computer lab in Bioinformatics Centre The institute has facilitated the purchase of laptops and tablets to faculty and students through interest-free loans.

* Dedicated computing facilities All activities related to hospital and most of the college activities are covered under the application AHIMS. Most transactions are online and paperless.

* LAN facility LAN covers the entire campus.

* Wi-Fi facility Wi-Fi facility covers the entire campus: the hospital, college, hostels and all residential colonies. In addition, the Wi-Fi facility has also been extended to the urban health center located 8 km from Sevagram and two peripheral centers in Anji and Bhidi, located close to 30 km from Sevagram

E-learning:

To complement the classrooms, an e-learning platform is created in the institute by installing Moodle as a virtual learning environment. Training of the faculty has been completed in 2015 to develop e-learning modules in respective departments. The MGIMS Classroom link has been developed on MGIMS website to offer interactive online courses to support the classroom, clinical and community based teaching.

Auditoriums:

- Open air auditorium with green rooms, rest rooms and sitting area for 1000 people
- Closed auditorium with sitting area for 300 people
- Sarojini Naidu Hall: Air conditioned, capacity around 120