

Skill & Simulation Lab

Maharishi Markandeshwar (Deemed to be) University has established Clinical Advanced Skill and Simulation Laboratory in M.M. Institute of Medical Sciences & Research, Mullana, Ambala for training of Undergraduate and Post graduate Medical, Nursing and Paramedical students in a vast area of 15000 Square feet. **In terms of training equipments, M.M. Clinical Advanced Skill & Simulation Laboratory is India's Largest Comprehensive Medical Skill & Simulation Laboratory for training of Undergraduate and Post Graduate Students in Medical and Paramedical Fields.**

Our Medical Skill & Simulation Laboratory has high fidelity patient mannequins, surgical simulators, Angiography Simulator to train medical students and professionals to become proficient in their skills and techniques.

The Maharishi Markandeshwar Clinical Skills Simulation Centre dedicates itself to the use of advanced and basic mannequins for learning and teaching of clinical & surgical procedures. Mannequins are life-size human-like figures and are already in use as virtual patients at University to impart medical education. These mannequins allow students to make diagnoses and arrive at therapeutic decisions with the help of interactive computer simulations. Students can also do medical procedures on mannequins before performing on real patients. Simman 3G with ASL 5000 lung Solution (Adult) , SimBaby MK II L (Pediatric) are some the advanced Mannequins for training of students.

Out of the whole range of Surgical and Medical Simulators available, at M.M. Clinical Advanced Skill and

Simulation Lab, we have maximum number of simulators installed for training in whole of India. Advanced Laproscopic, Endoscopic, Bronchoscopic, Arthroscopy, Urology Simulator, Hysteroscopic and Hysterectomy Simulator, Full body Angiography Mentor and Ultrasound Simulators are installed and will be used for the training and benefit of the Students in Medical Field.

This State-of-the-Art Clinical Skill and Simulation Center was inaugurated by Dr. Ramesh Pokhriyal Nishank, Minister of Education, on 06 March 2021. It allows learners of all levels an opportunity to immerse themselves in a simulated clinical scenario that looks and feels real.

The center is equipped with High Fidelity Mannequins which includes SimMan 3G with Ultrasound & Trauma Modules, SimBaby, ACLS, Obstetrics and Gynecology, Premature Anne, Newborn Anne, Nursing Anne, Resusci Anne QCPR, Little Junior QCPR, Little Anne QCPR and about 40 task trainers. Courses to train nurses, undergraduates, interns, postgraduates and faculty in Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS). Custom Simulation Mentor like, Angio Mentor, Bronchoscopy Mentor, GI Mentor, Lap Mentor, Gynae Mentor, Ortho Mentor, Uro Mentor and Ultrasound Mentor are also available.

In addition, laypersons from the university are given training to become competent in Basic Life Support and other common emergencies and life-threatening medical emergency situations.

For further Information visit academicsmmimsr.com