Vision of the Centre
To establish a vibrant teaching and research center comprising of interdisciplinary area in Basic Science and Applied Life Sciences.

Objectives of MSc Biophysics program
➢ To enable students to conduct independent research, industrial activity as well as teaching in specialised educational institutions.
➢ To prepare research personnel in priority areas such as nonlinear sciences, molecular biology, genomics and proteomics, cellular biotechnologies, regulatory processes, immunology, bioinformatics and mathematical modelling of biological processes.
➢ To provide extensive lab based teaching and experimental work.

Career opportunities after MSc (Biophysics)
➢ Opportunities in a research laboratory conducting original research in academia, government agency or private industry.
➢ Excellent preparation for a PhD programme in biophysics or interdisciplinary fields.
➢ Placement in teaching, medical institutes, research institutes and private industries.

Research areas of Faculty members
➢ Soft Condense Matter
➢ Polymer Science
➢ Nanotechnology and Nanobiotechnology
➢ Application of Scanning Probe Microscopy In Life Sciences
➢ Bioinformatics
➢ Machine Learning Application In Bioinformatics
➢ Characterization of Folding Intermediates
➢ Stabilization of Proteins by Osmolytes
➢ Protein Purification and Characterization
➢ X-ray Protein Crystallography
➢ Medicinal Chemistry
➢ Molecular Biology of Respiratory Syncytial Virus and Hepatitis (Virology)
➢ Toxicology/ Molecular Reproduction
➢ Functional and Comparative Genomics

Eligibility Requirements
Candidate should have passed 3 years B.Sc. examination with Physics/ Chemistry/ Mathematics/ Computer Science/ Biological Sciences or allied Science, having 55% marks.

Entrance Test
The syllabus for entrance test is available on http://jmi.ac.in/cirbs under courses.

Number of Seats: Twenty (20)
Fees Rs. 13000/- (Approx.)

How to Apply
Those interested in getting admission can submit an online application through JMI website (http://jmi.ac.in/admissions, http://jmicoe.in/).