



Centre for Interdisciplinary Research in Basic Sciences Jamia Millia Islamia, New Delhi

OFFERS PG COURSE ON BIOPHYSICS (M. Sc.)

Vision of the Centre

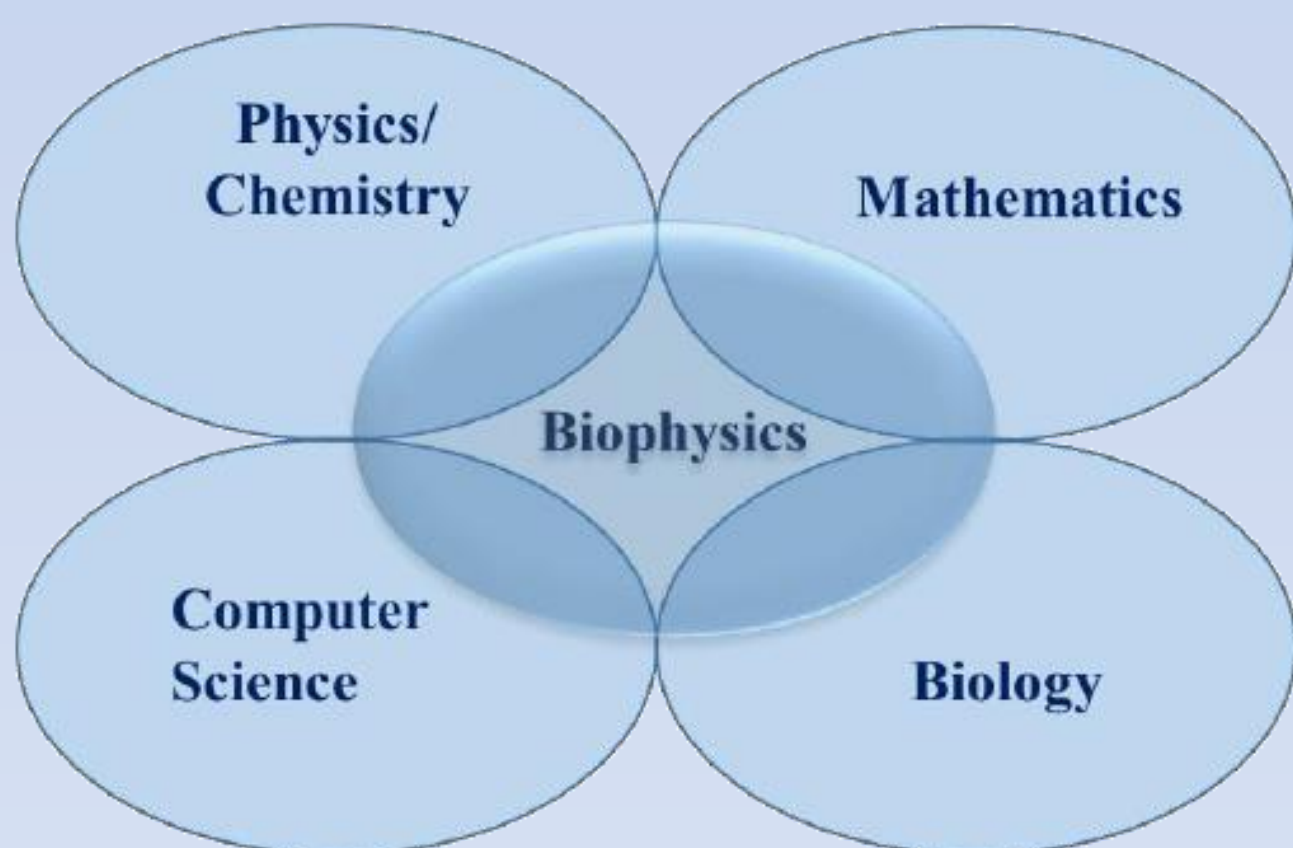
To establish a vibrant teaching and research center comprising of interdisciplinary area in Basic Science and Applied Life Sciences.

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.



For more details contact

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Or visit <https://www.jmi.ac.in/cirbs>



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/>).