



**Department of Molecular Biology  
MGM School of Biomedical Sciences  
MGM Institute of Health Sciences**

(Deemed University u/s 3 of UGC Act, 1956)  
Accredited by NAAC with 'A' Grade



Admission for Year 2020-21

## M.Sc. Molecular Biology

### Two Years Course

Total Seats=20

M.Sc. Molecular Biology course (Choice Based Credit System) which is designed to enrich the students with wide knowledge and understanding of the advance techniques in molecular biology including Cell biology, Molecular Immunology, Molecular Enzymology, Metabolic Engineering, Gene and Protein Science, Bioinformatics and Computational Biology, DNA Recombinant Technology, Biostatistics and Research Methodology, Genomics, Proteomics, Core Elective Course (Nanobiotechnology, Molecular Diagnostics, Drug discovery), General Elective (Analytical Instrumentation, Bioethics, Bio-safety, IPR and Technology transfer, QA & QC) and practical and Dissertation/project. Main vision of the course is to provide academic excellence & development of intellectual system for rich technology talent pool.

**Eligibility:** Candidates with 50% marks in B.Sc. Molecular Biology/Biotechnology/Microbiology/Biochemistry/Genetics/Botany/Zoology/B.Sc. Nursing/MBBS/BDS or any equivalent degree in life sciences of any recognized University.

### Salient features

- Advanced and applied course (Choice Based Credit System) opportunity for various interactions with industries/universities/institutes.
- Support from state of the art MGMIHS OMICS Research Center: A highly equipped laboratory for advanced life sciences - proteomics, genomics, computational biology etc.
- Very good infrastructure e.g. classroom, conference and seminar room, well equipped library, computer and internet facility, hostel, hospital, hygienic canteen etc.
- Excellent teaching staff - highly experienced faculty, expert and professionals.
- Frequent guest lectures seminar/symposium/workshops.
- Provision of dissertation/project work and opportunity to implement their novel ideas in research.
- Base line knowledge in Bioethics, Bio-safety, IPR and Technology transfer.

### Career perspectives

- Very good subjects in biological sciences for research as career/job: Scientist/Research Officer/Technical Officer/Research Associate etc. at International and National institutes.
- Good scope for job in bio-pharmaceutical industries, diagnostic laboratories and industries, bioprocess industries, drug discovery and development industries etc.
- Good perspective in teaching institutes (university, college, school, coaching and training institute): Lecturer/Assistant Professor/Tutor/Teacher etc.
- Very good subject for Ph.D. program and further career in Genetic Engineering/Advanced Biology.
- High potential subject in biological sciences for exploration of new ideas and innovation, discovery, entrepreneurship development and start-up business in biotechnology.

For further information contact us at:

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