



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai - 410 209

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MGM 101 Ph.D. (Medical Biochemistry) Program Outcomes^o

- PO1. Develop, implement and evaluate unique clinical and community-based programs and interventions that aim to promote health and improve specific health outcomes.
- PO2. Design and conduct independent research projects using advanced methodologies on the individual, social and health care delivery system factors influencing health outcomes.
- PO3. Engage in rigorous health outcomes assessments and clinical effectiveness research across the lifespan.
- PO4. Compile, manage and assess biomedical informatics and health records databases and apply advanced statistical methods to research endeavors.
- PO5. Evaluate the effects of health policies on health outcomes, health care access, quality of care and costs from a variety of perspectives, which are integrated into effective research projects.
- PO6. Contribute to methods development that will further advance health outcomes and translational research.
- PO7. Translate evidence-based treatments and programs into health practice and policy through dissemination and implementation science methodologies.

Program Specific Outcomes

At the end of their PhD, students should

- PSO1. Have thorough biochemistry knowledge of the literature and a comprehensive understanding of scientific methods and techniques applicable to their own research;
- PSO2. Be able to demonstrate originality in the application of biochemical knowledge, together with a practical understanding of how research and enquiry are used to create and interpret knowledge in medical field;
- PSO3. Have developed the ability to critically evaluate current research and research techniques and methodologies in Biochemistry;
- PSO4. Have self-direction and originality in tackling and solving problems;


Professor & Head
Department of Biochemistry,
MGM Medical College,
Kamothe, Navi Mumbai

Course Outcomes

At the end of their PhD, students should:

- CO1. Have a thorough knowledge of the literature and a comprehensive understanding of scientific methods and techniques applicable to their own research;
- CO2. Be able to demonstrate originality in the application of knowledge, together with a practical understanding of how research and enquiry are used to create and interpret knowledge in their field;
- CO3. Have developed the ability to critically evaluate current research and research techniques and methodologies;
- CO4. Have self-direction and originality in tackling and solving problems;
- CO5. Be able to act autonomously in the planning and implementation of research; and have gained oral presentation and scientific writing skills.



Dr. Rajesh B. Goel
Registrar

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