

## ACTIVITY REPORT

1.	Name of the activity	Guest lecture on “Medical Genetics from Lab to bedside -Bridging the Gap”
2.	Date & Time	04/09/2025 & 2 pm to 3 pm
3.	Venue / Place	Sushrut hall, OPD building
4.	Total number of participants/beneficiaries (No of individuals benefited by activity)	75
5.	Organizing Faculty / Medical team	Dr. Vaishali V. Dhat Dr. Aparna Chaudhari Mrs. Sangeeta Kokane Dr. Sayali Yadav Dr. Geeta M. Bhatia Mrs. Nutan Chaudhari Dr. Laxmi Gore
6.	In-charge	Dr. Vaishali V. Dhat
7.	Brief summary of the event in around 100 words (purpose, conduct, feedback, impact, suggestions)	<p>The Department of Biochemistry at MIMER Medical College organized a guest lecture titled “Medical Genetics: From Lab to Bedside – Bridging the Gap” on 4th September 2025 for faculty members and postgraduate students. The lecture was delivered by Dr. Anupkumar Rawool, a distinguished expert in medical genetics, known for his contributions in translating genetic research into clinical applications. The objective of the session was to provide insights into how molecular and genetic research is integrated into real-world diagnostics, treatment planning, and personalized medicine. Dr. Rawool elaborated on the latest advancements in the field, including next-generation sequencing technologies and the pivotal role of genetic counselling in patient management. He further emphasized the interdisciplinary nature of medical genetics, showcasing case studies that illustrated the challenges and impact of applying laboratory-based genetic findings in clinical settings. Ethical considerations and the need for responsible implementation of genetic testing were also discussed in depth. The lecture concluded with an interactive session, during which attendees engaged in a fruitful discussion with the speaker, reflecting their keen interest in the subject. Overall, the session was highly informative and enriching, and it successfully broadened the participants’ understanding of the vital connection between research and patient care in the context of medical genetics.</p>

8.	Number of faculties attended (Guest lecture/ CME/ Workshop/ Seminar/ Health camps)	75
9.	Number of Students/ Technicians Attended	---

*WLL*  
**Prof. & Head**  
**Dept. of Biochemistry**  
**MIMER Medical College**  
**Talegaon Dabhade**

