

Hamdard Institute of Medical Sciences and Research
Medical Education Unit

Elective-3

1	Name of the Electives	Computer Assisted Learning (CAL)/Research
2	Block	I
3	Department /Area	Pharmacology
4	Name of the Mentor/ Supervisor/ Incharge	Dr. Shreshth Khanna
5	Co Supervisor/s	Prof. Razi Ahmad
6	No. of students' intake	04 + 02
	Method of selection (if applicable)	Interview to assess their interest and basic knowledge about Computer Assisted Learning (CAL).
7	Objectives	<p>1. To be able to discuss the need for screening of newer drugs for various diseases using CAL.</p> <p>2. To be able to discuss the theoretical basis of various screening methods using CAL.</p> <p>3. To demonstrate the application of CAL in basic medicine and research.</p>
8	Expected outcomes	<p>To understand the basics of computer assisted learning (CAL).</p> <p>To understand the importance of CAL as an in-silico method of screening.</p> <p>To understand the application of CAL in medicine and Research.</p> <p>To understand the importance of CAL as a replacement to in teaching against the conventional models of screening.</p>
9	Assessment	<p>Theory paper</p> <p>Viva and logbook</p> <p>Day to day interaction, assignments and attendance</p>
10	Log book	Regular logbook entry of the daily activities