

DEPARTMENT OF COMMUNITY MEDICINE
HAMDARD INSTITUTE OF MEDICAL SCIENCES & RESEARCH, NEW DELHI

<u>ELECTIVE-2</u>	
Name of Block	Block 1
Name of Elective	Using Softwares for Biomedical Research
Location of hospital lab or research facility	Department of Community Medicine
Name of internal preceptor(s)	Dr. Varun Kashyap, Assistant Professor, Biostatistics, Dept of Community Medicine Dr. Yasir Alvi, Asst Prof Dr. Richa Gautam, Asst Prof
Name of external preceptor (if any)	N/A
Learning objectives of the elective	<ol style="list-style-type: none"> 1. Use Microsoft Office including Excel for data collection, entry, analysis and presentation 2. Data Entry and Analysis using Epi Info 3. Conduct referencing in research using Zotero Software 4. Finding Sample Size using online tools 5. Creating Questionnaires and administering surveys using Google
Number of students that can be accommodated in this elective	5 (Five)
Prerequisites for the elective	Basic understanding of epidemiology and biostatistics as an undergraduate student Basic understanding of operating a computer Availability of personal laptop
Learning resources for students	<ol style="list-style-type: none"> 1. Epi Info manual 2. Microsoft Office manual 3. Zotero Manual
List of activities in which the student will participate	<ol style="list-style-type: none"> 1. Making a masterchart in Excel 2. Data analysis using Excel / Epi Info 3. Data presentation in Microsoft Word/ Powerpoint
Portfolio entries required	Workbook entry Daily task completion
Log book entry required	Yes
Assessment	Daily Work Assessment Analysis and presentation using a dummy dataset
Other comments	-