

Amala Institute of Medical Sciences

Department of Community Medicine

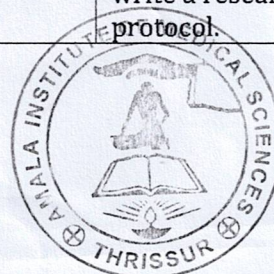
Undergraduate Research Methodology Workshop

For the 2022 MBBS Batch

Date: Wednesday, 28 May 2025

Venue: Bro. Xavier Hall

Time	Session	Facilitator	Description
8:00 – 8:30 AM	Registration		Participants sign in and receive workshop materials.
8:30 – 8:45 AM	Welcome and Introduction	Dr. C. R. Saju	Overview of the workshop objectives and importance of research skills.
8:45 – 9:00 AM	Importance of Research in Medical Education	Dr. Sachin Chandramohan	Highlights why research is essential for clinical practice and academics.
9:00 – 9:30 AM	Formulating a Research Question	Dr. Sneha Georgy	Introduction to identifying research problems and forming clear research questions.
9:30 – 10:00 AM	Conducting a Literature Review	Dr. Jose Vincent	Techniques for sourcing and organizing relevant scientific literature.
10:00 – 10:45 AM	Sampling Methods and Sample Size Calculation	Mrs. Jini M. P.	Basics of selecting study samples and calculating appropriate sample sizes.
10:45 – 11:15 AM	Tea Break		
11:15 – 11:30 AM	Study Methodology and Protocol Development	Dr. Sruthi M. V.	Steps to design a robust research methodology and write a research protocol.



11:30 – 11:45 AM	ICMR STS Proposal and Ethics Committee Submission	Dr. Parvathy T. J.	Guidance on applying for ICMR STS grants and submitting to the ethics committee.
11:45 – 12:30 PM	Designing a Questionnaire	Dr. Steffi Francis	Principles of finding reliable and valid data collection tools.
12:30 – 2:00 PM	Lunch Break		
2:00 – 2:20 PM	Data Entry and Management Using Excel	Dr. Athira K. R.	On entering and organizing research data in Excel.
2:20 – 3:30 PM	Group Discussion on Proposed Research Topics	All Faculty	An interactive session where student groups discuss and refine their research ideas.
3:30 – 4:00 PM	Group Presentations	All Faculty	Each group presents its proposed research plan for faculty feedback.

Parvathy

Steffi

Athira