

Department of FORENSIC MEDICINE & TOXICOLOGY
Sree Gokulam Medical College & Research Foundation

	CME/Workshop Expert talk on “Research Methodology and Protocol Writing” by Dr. Vitni.	Date o23rd–24th April 2025 and 6th–8th April 2026	Venue Sree Gokulam Medical College																																																			
	Research Methodology Workshop Schedule Date: 21 st April 2025 - 24 th April 2025 Venue: Conference Hall, Dept of Community Medicine <table><thead><tr><th>Day</th><th>Time</th><th>Topic</th><th>Speaker</th></tr></thead><tbody><tr><td rowspan="7">April 23</td><td>08:30 - 10:00</td><td>Basics of Protocol Writing</td><td>Prof. Dr. Apth Kumar PV</td></tr><tr><td>10:00 - 11:00</td><td>Experimental Studies</td><td>Prof. Dr. K.T. Shency</td></tr><tr><td>11:00 - 12:00</td><td>Introduction to Statistical Tools (Descriptive Statistics)</td><td>Prof. Dr. Manju L</td></tr><tr><td>12:00 - 01:00</td><td>Inferential statistics, Choosing the Appropriate Statistical Test</td><td>Prof. Dr. Syamian K</td></tr><tr><td>01:00 - 01:30</td><td>Lunch Break</td><td></td></tr><tr><td>01:30 - 03:00</td><td>Data Collection Methods and Tools for Data Collection</td><td>Prof. Dr. Sree S.M., Dr. Rahul Suresh</td></tr><tr><td>03:00 - 04:00</td><td>Activity: Draft a research protocol and design a single data collection Tool (e.g., questionnaire) for the chosen study</td><td>All Faculty</td></tr><tr><td rowspan="9">April 24</td><td>08:30 - 10:00</td><td>Data Analysis and Interpretation</td><td>Prof. Dr. Manju L, Dr. Raveesh R Nair</td></tr><tr><td>10:00 - 11:00</td><td>Sample size, sampling methods</td><td>Prof. Dr. Manju L, Dr. Devi Vidhyadharan</td></tr><tr><td>11:00 - 11:30</td><td>Activity: Choose an appropriate test for the chosen research question</td><td></td></tr><tr><td>11:30 - 1pm</td><td>Research Paper Writing</td><td>Prof. Dr. Benny PV</td></tr><tr><td>01:00 - 01:30</td><td>Lunch Break</td><td></td></tr><tr><td>01:30 - 02:30</td><td>Principles of Research Ethics</td><td>Dr. Vitni Ferns</td></tr><tr><td>02:30 - 03:30</td><td>IR, IEC Submission Processes, Guidelines (e.g., Declaration of Helsinki, CWR Guidelines)</td><td>Dr. Anil Bindu, Dr. Raju Jose</td></tr><tr><td>03:30 - 04:00</td><td>Activity: Review an ethical dilemma case and propose solution</td><td>Dr. Raju Jose</td></tr></tbody></table>			Day	Time	Topic	Speaker	April 23	08:30 - 10:00	Basics of Protocol Writing	Prof. Dr. Apth Kumar PV	10:00 - 11:00	Experimental Studies	Prof. Dr. K.T. Shency	11:00 - 12:00	Introduction to Statistical Tools (Descriptive Statistics)	Prof. Dr. Manju L	12:00 - 01:00	Inferential statistics, Choosing the Appropriate Statistical Test	Prof. Dr. Syamian K	01:00 - 01:30	Lunch Break		01:30 - 03:00	Data Collection Methods and Tools for Data Collection	Prof. Dr. Sree S.M., Dr. Rahul Suresh	03:00 - 04:00	Activity: Draft a research protocol and design a single data collection Tool (e.g., questionnaire) for the chosen study	All Faculty	April 24	08:30 - 10:00	Data Analysis and Interpretation	Prof. Dr. Manju L, Dr. Raveesh R Nair	10:00 - 11:00	Sample size, sampling methods	Prof. Dr. Manju L, Dr. Devi Vidhyadharan	11:00 - 11:30	Activity: Choose an appropriate test for the chosen research question		11:30 - 1pm	Research Paper Writing	Prof. Dr. Benny PV	01:00 - 01:30	Lunch Break		01:30 - 02:30	Principles of Research Ethics	Dr. Vitni Ferns	02:30 - 03:30	IR, IEC Submission Processes, Guidelines (e.g., Declaration of Helsinki, CWR Guidelines)	Dr. Anil Bindu, Dr. Raju Jose	03:30 - 04:00	Activity: Review an ethical dilemma case and propose solution	Dr. Raju Jose
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		 Time Schedule for Research Methodology & Protocol Writing Day 1 (6/4/2026) 8:30-9:00 am: Registration 9:00-9:30 am: Introduction, Formulating Research Questions, Hypotheses & objectives - Dr. Raju Jose 10:00-10:40 am: Descriptive Statistics - Dr. Suresh K 10:40-11:00 am: Tea Break & Inauguration 11:00-12:30 pm: Statistical Review & References: Dr. Benny PV 1:30-2:30 pm: Experimental Studies (RCT) - Dr. K.T. Shency 2:30-4:00 pm: Group Activity: Develop RCT based research question, hypothesis, objectives & write research plan Day 2 (7/4/2026) 8:45-9:15 am: Analytical Study Designs - Dr. Anil Bindu S. Dr. Harsha 9:15-9:45 am: Descriptive Statistics - Dr. Manju 9:45-10:15 am: Research, informed Consent - Dr. Vimal Prasad 10:30-12:00 pm: Diagnostic Test Evaluation - Dr. Harsha Srinivas 1:30-2:30 pm: How to Write a Protocol - Dr. Apth Kumar PV 2:30-4:00 pm: Group Activity: Write a Protocol & Present in Group Day 3 (8/4/2026) 8:45-9:30 am: Data Collection Methods - Dr. Manju 9:30-10:45 am: Tests of Significance - Dr. Manju L 11:00-12:00 pm: Sampling & Sample Size - Dr. Devi Vidhyadharan, Dr. Manju 12:00-12:30 pm: Critical Appraisal Tools - Dr. Manju L, Dr. Harsha Srinivas 12:30-1:00 pm: IR, IEC Submission Guidelines - Dr. Raju Jose, Dr. Anil Bindu S 1:00-3:00 pm: Data Analysis - Dr. Rahul Suresh, Dr. Manju 3:00-3:30 pm: Voluntary Session																																																				