

## Workshop on Research Methods for first year Postgraduates

SMVMCH Research Committee and SMVMCH Ethics Committee

Time (IST)	Day 1	Day 2	Day 3
9.00 – 9.30	<b>Introduction and ground rules</b> (Dr Jayasree and Dr Suguna)	<b>Recap of day 1</b>	<b>Recap of day 2</b>
9.30-9.45	<b>Pre-test</b>	Material & Methods: Designs (Dr Amol) <b>[Exercise-6]</b>	Designing questionnaire and deciding the tools for measurement (Dr Amol & Dr Sindhuri)
9.45-10.15	What is research? (Thesis\Dissertation) How to select the topic? (Dr Amol) <b>[Exercise 1-A, B]</b>		
<b>10.15-10.45</b>	<b>Tea</b>	<b>Tea</b>	<b>Tea</b>
10.45- 11.30	How to write the objectives? (Primary and secondary) (Dr Karthikeyan)	Experimental design Blinding and Randomization (Dr Nishanthi & Dr Suguna)	Biases and ways to minimize it. <b>Hands-on:</b> Identify biases in your project - Analysis plan (Dr Vinayagamoorthy) <b>[Exercise-7]</b>
11.30 -12.00	Variables and its types (Dr Vinayagamoorthy) <b>[Exercise 2]</b>		
12.00-12.30	Review of Literature Group work (Dr Amol) <b>[Exercise 3]</b>		
12.30-1.00	How to search the Literature? (In library and Online) PubMed and HINARI (Dr Vinayagamoorthy & Dr Sindhuri)	Qualitative and Mixed Methods Research (Dr Amol)	Gantt Chart (Dr Kalaiselvan) <b>[Exercise-9]</b>
<b>1.00 -2.00</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
2.00-2.30	<b>Hands-on</b> on Literature search [Assignment instruction]	Ethics in Research (Film) (Nishanthi, Vimal, Ganesh)	<b>Group work</b> – Critical appraisal of the proposal (Dr Jayasree and team) <b>[Exercise-10]</b>
2.30-3.00	Reference citation using Vancouver style (Dr Kanimozhi & Dr Sindhuri)	General Principles – ICMR Guidelines (Nishanthi, Vimal, Ganesh)	
3.00-3.30	<b>Hands-on</b> on Reference citation (Dr Kanimozhi & Dr Sindhuri) <b>[Exercise-4]</b>	<b>Group work:</b> Case studies on ethical issues (Nishanthi, Vimal, Ganesh)	<b>Standard Operating Procedure (SOP)</b> of the Research Committee at SMVMCH (Dr Sindhuri)
3.30-4.00	Material & Methods: Sample size and sampling (Dr Amol) <b>[Exercise-5]</b>	Informed consent Form Part I and II (Nishanthi, Vimal, Ganesh)	Instructions on deliverables
			<b>Post-test</b>
<b>4.00-4.15</b>	<b>Feedback</b>	<b>Feedback</b>	<b>Feedback</b>