



TATA MEMORIAL CENTRE

18th Annual Short Course in

CLINICAL RESEARCH METHODOLOGY

Day 2: 13th December, 2025



Clinical Research Methodology Workshop:

From Research Question to Protocol Development and Publication

Day 2	Basics of Statistics with Hands-On Learning: Statistics, Data Interpretation and Scientific Writing	
09:00 - 09:45	Introduction to Biostatistics	Mrs. Sadhana Kannan
09:45- 10:15	Sample Size Determination & Power Calculation	Dr. Bhaskar Krishnamurthy
10:15- 10:45	Selecting the Right Statistical Test (“Which Test Where”)	Dr. Bhaskar Krishnamurthy
10:45- 11:15	Measures of Association & Diagnostic Test Evaluation	Dr. Avijit Hazra
11:15- 11:45	Referencing styles	Dr. Prakash Nayak
Tea Break		
12:00- 12:45	Introduction to Survival and Meta-Analysis	Mr Kannan M
12:45- 01:45	Hands-On Learning: Statistics Session SPSS	Mrs. Sadhana Kannan and Dept of Clinical Biostatistics-ACTREC
Lunch Break		
02:00- 02:30	Medical Writing – From Protocol to Publication and Posters	Dr Arun Bhatt
02:30- 03:00	AI assistance in Medical Writing	Dr Jai Tilak Jain