

Short Courses in Biostatistics

Organized by Biostatistics Recourse and Training Centre (BRTC)

Department of Biostatistics,

Christian Medical College, Vellore, India.

Course coordinator and Lead Faculty -- Dr. L. Jeyaseelan

S.no	Name of the Course	Mar	May-June	Aug	Sep	Nov-Dec
1.	Fundamentals of Biostatistics, Principles of Epidemiology & SPSS <i>(5 days)</i>	✓	✓	✓		✓
2.	Clinical Trial & Meta Analysis <i>(5 days)</i>	✓				
3.	Multiple Linear Regression, Logistic Regression & Survival Analysis <i>(5 days)</i>		✓			✓
4.	Sample size calculation <i>(2 days)</i>		✓			✓
5.	Path Analyses & Causal modeling (Structural Equation modeling) in Epidemiology <i>(3 days)</i>			✓		
6.	SAS (Statistical Analysis System) Software Training <i>(5 days)</i>		✓			
7.	Fundamentals of "Clinical Data Management (CDM)" <i>(5 days)</i>		✓			
8.	Statistical Computing using R (Software Training) <i>(3 days)</i>			✓		
9.	Bootstrapping (Resampling), Jackknife and Monte Carlo Methods in Research <i>(3 days)</i>			✓		
10.	Bayesian analyses and its application in clinical trials <i>(3 days)</i>			✓		
11.	Clinical Trials - Design, Analyses, Interpretation and Reporting (Collaboration with UNC, USA) <i>(5 days)</i> Resource Faculties : Dr. Shrikant I Bangdiwala, Dr. Prema Menezes and Dr. L. Jeyaseelan				✓	

12.	Multilevel Modeling (MLM) and Longitudinal / Repeated Measure data analyses using Linear Models & Generalized Estimating Equations (GEE) <i>(5 days)</i>					✓
13.	Analyses of Infectious Diseases Data (Regression and Time Series Data modeling for survey & surveillance data) <i>(5 days)</i>					✓
14.	Applied Time Series Analyses in Health <i>(3 days)</i>					✓
15.	Advanced Statistical methods in Clinical Trials <i>(3 days)</i>					✓

Course coordinator and Lead Faculty -- Dr. B. Antonisamy

Name of the Course	Feb	July	Sep
Short course on Statistical Methods in Measuring Health: Scales & Measurements	✓		
Biostatistics for Clinical and Public Health Research using STATA		✓	
Biostatistics for Clinical and Public Health Research using SPSS			✓