



DEPARTMENT OF BIOSTATISTICS

Christian Medical College, Vellore - 632 002, India.

Dr. B. ANTONISAMY, Ph.D., FRSS., FSMS.,
Professor & Head

January 30, 2017

Dear Friends,

The Department of Biostatistics at Christian Medical College, Vellore is glad to announce the commencement of **"Short Course on Biostatistics & Epidemiology for Clinical and Public Health Research using SPSS "** to be held from **April 3-6, 2017**

The aim of the short course is to provide the importance of Biostatistics & Epidemiology in the field of health science, and to give a brief introduction about the statistical techniques often used by the researchers. The intention of the course is to explain the concepts in biostatistics & epidemiology, and to perform the computations involved in commonly used statistical techniques using SPSS software. At the end of each session, participants will have discussion to clearly understand the interpretation of the data used in practical and published articles.

Short Course on Biostatistics & Epidemiology for Clinical and Public Health Research using SPSS

April 3-6, 2017

The number of participants is limited to 40 and registration will be done on first come first served basis. The deadline for registration is **24th March 2017**. The brochure can be downloaded from the department web site www.cmc-biostatistics.ac.in

I will be very happy to provide more information, if necessary.

Looking forward to hearing from you.

Sincerely,

Dr. B. Antonisamy,
Professor and Head,
Course Coordinator.

Department of Biostatistics
Christian Medical College
Vellore

(Established in 1964)



Short Course on Biostatistics and Epidemiology for Clinical and Public Health research using SPSS

April 3-6, 2017

Biostatistics Resource and Training Centre (BRTC)
Department of Biostatistics
Christian Medical College, Vellore

Tel: +91 416 2284205 / 2262703
Email: biostats@cmcvellore.ac.in
Web: www.cmc-biostatistics.ac.in

Last date for receiving application **24th March 2017**

About CMC

Christian Medical College (CMC), Vellore for the past 116 years is serving in the healing ministry of Christ, through excellence in medical education, service and research. Through the continued education and service to the society, CMC is recognised as one of the reputed institutions in India. The college now offers medical graduate, postgraduate (diploma and degree), and higher specialty courses, graduate and post graduate courses in Nursing, and several Allied Health Science degree courses as well as courses leading to Ph.D. A total of nearly 1200 students are enrolled every year. For more details log on to www.cmch-vellore.edu

About Department of Biostatistics, CMC

The Department of Biostatistics at Christian Medical College, was established first in the country in 1964. The Biostatistics department was created primarily to teach and provide statistical consultation to the faculties and students (graduate and post graduate) in medical, nursing and allied health sciences. Now, the department has become a prominent place in adopting academic standards in teaching biostatistics, collaborating well designed research studies, and conducting training programs in biostatistics. The department offers courses in M.Sc., Biostatistics (2 years), and doctoral degree in Biostatistics under Tamilnadu Dr. M. G. R. Medical university, Chennai. For more details log onto www.cmc-biostatistics.ac.in

Objective

The aim of the short course is to provide the fundamentals and importance of Biostatistics & Epidemiology in the field of health science, and to give a brief introduction about the important statistical techniques often used by the researchers. The intention of the course is to explain the concepts in biostatistics & epidemiology, and to perform the computations involved in statistical techniques using SPSS software. In addition, discussions will be made for clear understanding of the concept and interpretation of the statistical results to the participants using examples and published articles.

Who can participate?

The short course is intended for Clinicians, Epidemiologists, Psychologists, Physiotherapists, Biochemists, Statisticians, Social Scientists, PhD students, and public health researchers who are interested in data analysis, report/journal article writing, report/journal article reviewing and supervising researchers in their academic areas.

Pre-requisites

Candidates should have their own laptops with SPSS.

Course Fee and Accommodation

Course fee **Rs. 6,000/- (Six Thousand Only)** should be paid in full by **24th March 2017**. Payments can be made by Demand Draft in favor of **"Christian Medical College Vellore Association Account"**, Payable at Vellore. **The number of participants is limited to 40 and registration will be done on first come first served basis.** Course fee includes Course Material, Lunch and Refreshments.

Participants will have to bear their own expenses for travel, boarding and lodging. Organizers may arrange basic accommodation with A/C facility in the college campus on request. Only limited accommodation is available and hence the preference will be given to the female participants. Also, list of hotels in Vellore has been provided below. Those who would like to stay outside, please contact them directly to book your accommodation.

Course Outline

- Day 1 – Building up the background
- ❖ Introduction to Biostatistics & Research
 - ❖ Introduction to data management using statistical software SPSS
 - ❖ Presentation of Data: Summarizing the data using descriptive statistics and graphs
- Day 2 – Common statistical methods, sample size and power analysis
- ❖ Testing hypothesis (both parametric and non-parametric approach)
 - ❖ Sample size calculation and power analysis
- Day 3 – Measurements in clinical research & Clinical Trials
- ❖ Concepts of Reliability and Validity
 - ❖ Measures of Diagnostic Accuracy
 - ❖ Introduction to Clinical Trials
- Day 4- Regression Methods in Medical research & Meta Analysis
- ❖ Correlation & Regression techniques
 - ❖ Principles of Confounding & Interaction
 - ❖ Logistic Regression analysis and Survival Analysis
 - ❖ Systematic review & Meta analysis
 - ❖ Demonstration of RevMan 5.1 software

Apply to the following address:

Dr. B. Antonisamy,
Course Coordinator, Professor & Head,
Department of Biostatistics, Christian Medical College,
Bagayam, Vellore-632002.

Telephone: +91 416- 2284205 / 2262703
Email : biostats@cmcvellore.ac.in

Registration Form can also be downloaded from:
Web: www.cmc-biostatistics.ac.in

For Enquiry, contact:

Mr. C. Jayaprakash, Secretary,
Dept. of Biostatistics, CMC, Vellore

Registration Form

Short Course on Biostatistics and Epidemiology for Clinical and Public Health research using SPSS

April 3-6, 2017

Department of Biostatistics, Christian Medical College, Vellore

Name: Dr. / Mr. / Ms. / Mrs. _____
(in Capital letters, to be printed in Certificate)

Sex : Male Female **Age :** _____

Educational Background: _____

Designation: _____

Department : _____

Institution: _____

Address: _____

Contact (Mobile): _____

Personal (Email) : _____

Official (Email) : _____

Accommodation: Required Not Required
If required **Arrival date and time** : _____
Departure date and time : _____

Course Fee : Rs. 6,000/- (SPSS)

The DD for registration must be made in favor of "CMC Vellore Association" payable at Vellore 632 004.
(If cancelled after registration the course fee will not be refunded)

Amount (Rs.): _____

DD Number , Date and Bank: _____
(Please write your name and organization behind the DD)

Signature

Last date for receiving application 24th March 2017

List of Hotels available in Vellore

Vellore city STD code is +91- 416

Hotel name	Single non AC	Double non AC	Single AC	Double AC	Phone Nos	Distance from Venue (approx)
Darling Residency http://www.darlingresidency.com			2424/-	2788/-	2213001 4202006 4202007	3.5 kms
Grand Krishna http://hotelgrandkrishna.com			2350/-	3528/-	2258189 2258289 2258389 2258489	15 kms
Hotel Surabhi International http://www.hotelsurabi.com			2424/-	2788/-	2216399 2216499 2216599	3.5 kms
Baby Residency http://www.babyresidency.com			1814/-	2055/-	2226484 2213285 2227584	3 kms
Aavanaa Inn http://www.hotelaavanaainn.com	1697/-	2060/-	2424/-	2788/-	2215073 2215074 2228935	6 kms
River View http://www.hotelriverview.org			2182/-	2666/-	2225251 2222349 2225218 2225108	7 kms
Mount Paradise http://hotelmountparadise.net	1000/-	1350/-	1500/-	1700/-	222831 2235531 2212631	10 kms
Sri Srinivasar Residency http://www.srinivasaresidency.com		1455/-		1940/-	2232725 2232726 2232727	7 kms
Sri Annamalaiyar Residency http://annamalaiyarresidency.com		1500/-		1814/-	2229999	7 kms
Kumaran's Millennium Residency http://www.mmresidency.in	950/-	1200/-	1200/-	1600/-	2245500	10 kms.
Lingam Residency	650/-	650/-	950/-	950/-	2220971	6 kms.
Koona Residency		525/-		825/-	2211298	6 kms.
Arunachalam Lodge		700/-		1400/-	2210979	6 kms.
AMP Lodge	300/-	400/-			3292652	1 Km.
Ananda Bhavan vimdes@rediffmail.com		500/-			2266770	1 Km.

Note: Rates may be subject to revision