



DEPARTMENT OF BIOSTATISTICS

Christian Medical College, Vellore - 632 002, India.

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

March 13, 2019

Dear Friends,

The Department of Biostatistics at Christian Medical College, Vellore is glad to announce the commencement of **"Short Course in Biostatistics and Epidemiology for Clinical and Public Health Research using SPSS"** to be held from **April 23-26, 2019**.

The aim of the short course is to convey 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 commonly used statistical techniques using SPSS software. In addition articles will be discussed for the clear understanding of the concept and interpretation to the participants.

"Short Course in Biostatistics and Epidemiology for Clinical and Public Health Research using SPSS"
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April 23-26, 2019

The number of participants is limited to 40 and registration will be done on first come first served basis. The deadline for registration is **13th April 2019**. 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 & Course Coordinator.

Department of Biostatistics
Christian Medical College
Vellore

(Established in 1964)



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

April 23-26, 2019

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 **13th April 2019**

About CMC

Christian Medical College & Hospital (CMCH), Vellore for the past 119 years is serving 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 degree and diploma in Allied Health Science courses as well as courses leading to Ph.D. For more details log on to <http://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, carrying out research studies, and conducting training programs. The department offers courses in MSc., Biostatistics (2 years), and doctoral degree in Biostatistics under Tamilnadu Dr. M. G. R. Medical university, Chennai. For more details log onto <http://cmc-biostatistics.ac.in>.

Objective

The Objective of the short course is to convey 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 commonly used statistical techniques using SPSS software. In addition, articles will be discussed for the clear understanding of the concept and interpretation to the participants.

Who can participate?

The short course is intended for clinicians, nurses, epidemiologists, psychologists, physiotherapists, biochemists, statisticians, social scientists, PhD students, and public health researchers who are interested in statistical analysis, report writing/journal article writing, journal article reviewing and supervising researchers in their academic areas.

Pre-requisites

Candidates should bring their own laptops downloaded with SPSS.

Course Fee

Course fee **Rs. 8,000/- (Inclusive of 18% GST)** should be paid in full by **13th April 2019**. 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.

Accommodation

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 by first come first serve basis. **Only limited accommodation is available hence 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 – Types of data, probability distributions and summarizing data

- Introduction to Biostatistics
- 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

- Estimation and confidence intervals
- Testing hypothesis (parametric and non-parametric approach)
- Sample size calculation and power analysis

Day 3 – Measurements in clinical research, correlation & regression, principles of confounding and interaction

- Introduction to reliability and validity
- Measures of diagnostic accuracy
- Principles of confounding and interaction
- Correlation and linear regression

Day 4- Regression Methods in Medical research

- Multiple linear regression
- Logistic regression
- Survival analysis and Cox regression

Course Coordinator & Address for correspondence:

Dr. B. Antonisamy, Professor,
Department of Biostatistics, Christian Medical College,
Bagayam, Vellore-632002. Tamil Nadu, India.

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

Secretariat / Contact Person:

Mr. C. Jayaprakash / Mr. Sankar,
Dept. of Biostatistics, CMC, Vellore
Telephone: +91 416- 2284205 / 2262703
Email : biostats@cmcvellore.ac.in

Registration Form

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

April 23-26, 2019

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. 8,000/- (Inclusive of 18% GST)

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 13th April 2019

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