

**SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY,  
TRIVANDRUM**

Thiruvananthapuram- 695011, Kerala, India  
(An Institute of National Importance under Govt. Of India)

Grams: Chitramet, Phone: +91-471-2443152,  
Fax: +91-471-2550728, E-mail: [sct@sctimst.ac.in](mailto:sct@sctimst.ac.in), Website: [www.sctimst.ac.in](http://www.sctimst.ac.in)



***Annual Workshop***

*On*

***Essential Biostatistics for Medical and Allied Health Science Researchers  
From 12<sup>th</sup> March 2024, Tuesday to 16<sup>th</sup> March 2024, Saturday***

*At*

***Achutha Menon Centre for Health Science Studies (AMCHSS)  
Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST),  
Trivandrum***

With a vision to extend the benefits of high-quality educational programmes offered at AMCHSS to young scholars who are not part of the mainstream courses of AMCHSS, we are pleased to announce a Five-day workshop on “Biostatistics for Medical and Allied Health Science Researchers”.

***Who can apply?***

This workshop targets Junior faculty, PhD students, Research Fellows/Associates/Assistants, and Post-graduates/those currently pursuing post-graduation from Medicine, Dentistry, Nursing, Public health or other Allied Health Science disciplines from SCTIMST or other Institutions. In addition, we welcome master-level students of Statistics/Demography/Data Science or similar disciplines who wish to develop hands-on experience in Statistics applied in the health science stream. The students who are part of the mainstream courses of AMCHSS are not encouraged to apply for this workshop.

## ***Course contents***

The course will briefly cover descriptive statistical methods, the concept of probability distribution, sampling, statistical inference, simple and multiple regression (linear and logistic models), survival analysis and Cox regression, sample size estimation, and introduction to some other advanced statistical methods within the context of medical/health science research. The workshop consists of lectures and practical sessions to comprehend the concepts and techniques as well as the interpretation and reporting of statistical findings. Relevant research outputs from software like Excel, SPSS, STATA, and R will be familiarized to the researchers. The practical sessions will also include hands-on experience with statistical tools in Microsoft Excel and an introduction to some other open-source software like SOFA/JAMOVI.

## ***Workshop Fee***

Workshop charges Rs 4130/- (Rs 3500 + 18% GST) per person, including expenses for the course booklet, exercise materials, lunch, and refreshments for the Five days. The Research Students from SCTIMST will have a subsidized fee of Rs2950/- (Rs 2500 + 18% GST).

## ***The Venue***

The venue is the seminar hall, third floor of the Achutha Menon Centre for Health Science Studies, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum, Medical College campus.

## ***Number of participants and registration***

The number of participants is restricted to 25 in the order of receiving applications. Interested candidates are requested to send their name, designation/course details, department and institution, and phone number to the email address [amchss@sctimst.ac.in](mailto:amchss@sctimst.ac.in) on or before 29<sup>th</sup> February, 2024. The registration form and the payment link / details will be shared with those selected for the workshop.

Please contact 0471-2524 638/0471-2524 270 for any queries.

## **Course coordinators:**

**Dr. Jissa VT, Scientist C, Dr. Sankara Sarma P, Professor, AMCHSS, SCTIMST**