

Prof. Dr. Parameswari Srijayanth  
Registrar

Lr. No.DOE/10092 /2019

Date:02-03-2019

To  
The Dean/Principal  
All Medical, Dental and Nursing Colleges  
Affiliated to this University.

Sir/Madam,

Sub:	DOE – The Tamil Nadu Dr. M.G.R. Medical University, Chennai – " <i>Short Course in Statistical Computing using Epi Info (Software Training)</i> " 28.03.2019 and 29.03.2019 - Registration for Workshop – Intimated.
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I am pleased to inform you that the Department of Epidemiology of this University, would organize a Two days "*Short Course in Statistical Computing using Epi Info Software Training*" on 28.03.2019 and 29.03.2019.

This non residential workshop is expected to enhance the Statistical Computing skills of interested Faculties, Ph.D and Post Graduate students of Community Medicine, Public Health, Epidemiology, Public Health Dentistry, Community Health Nursing etc., This course would also provide hands on training in Epi Info software with example data sets.

A brochure with regard to the said workshop is enclosed which may be circulated among the faculty members of your institutions who show keen interest to enhance their skill in Biostatistics. The brochure may also be prominently displayed in notice boards in the college and Hospital. The department of Epidemiology of this University can be contacted for any query [epid@tnmgrmu.ac.in](mailto:epid@tnmgrmu.ac.in)

Thanking you,

-Sd-

REGISTRAR

Encl: Brochure

***Short Course in Statistical Computing using Epi Info (Software Training)***

**CME CREDIT POINTS : 30**

**Date:** : 28-03-2019 & 29-03-2019

**Venue** : The Tamil Nadu Dr.M.G.R Medical University, Department of  
Epidemiology, 4<sup>th</sup> Floor, John Snow Hall.

**Epi Info**

Epi Info 7, an open source software, is a of public domain suite of interoperable software tools designed for the global community of public health researchers. It provides for easy data entry form and database construction, a customized data entry experience, and data analyses with epidemiologic statistics, maps, and graphs for public health professionals who may lack an information technology background.

**Purpose**

The course is intended to introduce health researchers with a comprehensive foundation to allow to get started with practical statistics using Epi info to effectively manage statistical analysis for health data.( view the public health data, clean and analyse the data). This workshop will be interactive, hands-on and will provide exercises and materials for a basic EpiInfoTM 7 course.

**Course contents**

- Data management, Data collection tools, Types of data, Type of studies
- Introduction statistical softwares.
- Database creation, Data Manipulation/ Transformation and importing external databases
- Descriptive statistics: calculating mean, standard deviation, reporting frequencies.
- Testing Hypothesis: Parametric tests: (independent test, paired t test, ANOVA etc.) and Non-Parametric tests: (Mann Whitney U test, Wilcoxon signed ranked test)

- Correlation and Overview of regression models - Linear, Multiple, Introduction to logistic regression.
- Sample size determination
- Hands on training on all topics in various Statistical Softwares (Epi-info,etc.)

### **Learning Methods**

The learning methods includes the lectures on technical inputs, creating statistics for practical data set and familiarize Epi Info tools for data analysis and presentation of data through hands on training

### **Who can Apply**

Interested Faculty/ postgraduate students – specifically, Ph.D students and Post Graduate students of Community Medicine, Public Health, Epidemiology, Public Health Dentistry, Community Health Nursing & others. Is is desirable that participants have the basic knowledge on Biostatistics. The participants should bring their own laptops loaded with Windows OS.

### **Registration**

Registration is limited to 30 it will be based on **“First Come First Registered”**. A Fee of **Rs.2000/- (Rupees Two thousand only)** will be charged towards study materials, lunch refreshment & others.

### **Mode of payment**

The payment may be made in the Demand Draft in favour of **“The Registrar, The Tamil Nadu Dr.M.G.R Medical University”** Payable at Chennai.

<p><b>Contact Person</b></p> <p>The application in the format along with Demand Draft may be sent mentioned address and to reach us on or before <b><u>25-03-2019.</u></b></p>	<p><b>Dr. S. Valarmathi, M.Sc., M.Phil, Ph.D</b>  <b>Research Officer (Statistics), Department of Epidemiology, The T.N. Dr.M.G.R Medical University, Guindy, Chennai.</b></p> <p><b>Mobile No: 98405 99285,</b>  <b>22 35 35 74 – Extn: 260</b></p> <p><b>E-mail : epid@tnmgrmu.ac.in</b></p>
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**THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY, CHENNAI-32.**

**DEPARTMENT OF EPIDEMIOLOGY**

***Short Course in Statistical Computing using Epi Info (Software Training - 28<sup>th</sup> - 29<sup>th</sup> March 2019***

**REGISTRATION FORM**

1. NAME(In block letters)\* :
2. AGE & SEX :
3. QUALIFICATION :
4. DESIGNATION / COURSE :
5. POSTAL ADDRESS :
6. MOBILE NUMBER :
7. Email ID :
8. DETAILS OF PAYMENT :
9. Do you have a dataset for analysis : Yes / No  
(If yes, kindly bring your dataset for discussion)

I am willing to participate in the '*Short Course in Statistical Computing using Epi Info (Software Training)*

SIGNATURE OF THE APPLICANT

\*Please enclose photocopy of ID card issued by the Institution