

SREE GOKULAM MEDICAL COLLEGE AND RESEARCH FOUNDATION

Venjaramoodu, Thiruvananthapuram

BASIC WORKSHOP ON DATA ANALYSIS USING SPSS



Organized by:

Department of Community Medicine, SGM, Thiruvananthapuram

13th and 14th December 2022

Time – 9.00 am – 4.00 pm

Venue – Sree Gokulam Medical College, Thiruvananthapuram

Greetings from the Department of Community Medicine, Sree Gokulam Medical College!

We are pleased to inform you that the Department of Community Medicine, Sree Gokulam Medical College is organizing a two-day basic workshop on data analysis using Statistical Package for Social Sciences (SPSS) software, one of the most popular and user-friendly software used for data analysis. The objective of this workshop is to equip you to plan, perform statistical analysis, and interpret the results of your research projects with ease and confidence using SPSS. The sessions have been designed in a simple and hands-on manner with a practical approach. We earnestly hope that it will be a fruitful time of learning and cordially invite you to this workshop.

Sincerely,

Dr Benny PV
*Organizing Chairperson
& Professor and Head,
Department of Community Medicine, SGMC*

Dr. Mariyam Alex
*Organizing Secretary
& Assistant Professor,
Department of Community Medicine, SGMC*

DATE – 13th and 14th December 2022 (Tuesday and Wednesday)

TIME – 9.00 am to 4.00 pm

VENUE – Department of Community Medicine, Sree Gokulam Medical College, Thiruvananthapuram

Who will benefit from this workshop?

- Researchers in health sector who are beginners or wish to refresh their knowledge in data analysis using SPSS, especially post graduate students doing their thesis

Pre-requisites:

- Each delegate should bring their own laptop with SPSS (trial or original)
- Dummy data sets for hands-on sessions will be provided
- Prior knowledge of SPSS is not required
- Basic knowledge of epidemiology and biostatistics is desirable

REGISTRATION

Registration fee – **Rs. 1000/-**

Make the payment to the account mentioned below using **UPI apps** (Gpay, Paytm etc.) or online transfer by quick transfer/NEFT. Note down your transaction ID.

Account Name - COMED
Account Number - 14220100165479
IFSC Code – FDRL0001422



QR Code for Google Pay/ Paytm
Account name – COMED
UPI ID – comed2022@fbl

Note: Payment method and Transaction ID are required in the registration form, hence please fill the registration form only after making the payment

Registration form link: <https://forms.gle/NqeZeFdRur2A75Rw6>

Last date for registration – 7th December 2022

For queries, please contact - Dr. Mariyam Alex, Assistant Professor, Department of Community Medicine
Email ID – drmariyamalex@gmail.com, 9995048815 (wzp) / 8921691289

DAY 1 (13.12.22)		
8.30 – 9.00 am	Registration	
9.00 – 9.05 am	Prayer song	Dr. Divija Ramachandran
9.05 – 9.10 am	Welcome address	Dr. Benny PV <i>Professor and Head, Dept of Community Medicine, SGMC</i>
9.10 – 9.15 am	Inauguration	Dr. Manojan K K <i>Managing Director, Sree Gokulam Medical College</i>
9.15 – 9.18 am	Keynote address	Dr. Lalitha Kailas <i>Principal, Sree Gokulam Medical College and Research Foundation</i>
9.18 – 9.20 am	Felicitation	Dr. P. Chandramohan <i>Dean Emeritus (Clinical), Sree Gokulam Medical College and Research Foundation</i>
9.20 – 9.30 am	Introduction to SPSS	Dr. Benny PV
9.30 – 9.45 am	Preliminary steps in data analysis	Dr. Regi Jose <i>Professor, Dept of Community Medicine, SGMC</i>
9.45 – 10.45 am	Data preparation and management in SPSS	Dr. Harsha Lais <i>Assistant Professor, Dept of Community Medicine, SGMC</i> Dr. Sayujya S Ghosh <i>Assistant Professor, Dept of Community Medicine, SGMC</i>
10.45 – 11.00 am	Tea break	
11.00 – 12.00 pm	Tests for normality, Descriptive statistics	Dr. Regi Jose <i>Professor, Dept of Community Medicine, SGMC</i> Dr. Susanna John <i>Assistant Professor, Dept of Community Medicine, SGMC</i>
12.00 – 1.00 pm	Estimation of mean and proportion, Basis of hypothesis testing, Types of significance tests	Dr. Mariyam Alex <i>Assistant Professor, Dept of Community Medicine, SGMC</i>
1.00 – 2.00 pm	Lunch break	
2.00 – 3.00 pm	Chi-square Test, Relative Risk, Odds Ratio	Dr. Divija <i>Associate Professor, Dept of Community Medicine, SGMC</i>
3.00 – 4.00 pm	Doubt-clearing and troubleshooting	All Faculty
DAY 2 (14.12.22)		
9.00 – 10.00 am	T test (paired T test, independent sample T test) and corresponding non-parametric tests	Dr. Anil Bindu <i>Professor, Dept of Community Medicine, SGMC</i> Dr. Jithu S J Nath <i>Assistant Professor, Dept of Community Medicine, SGMC</i>
10.00 – 11.00 am	One way ANOVA and Kruskal Wallis Test	Dr. Anil Bindu <i>Professor, Dept of Community Medicine, SGMC</i>
11.00 – 11.15 am	Tea break	
11.15 – 1.00 pm	Correlation (Pearson's, Spearman's), Linear Regression	Dr. Manju L <i>Biostatistician, Dept of Community Medicine, SGMC</i>
1.00 – 2.00 pm	Lunch break	
2.00 – 3.00 pm	Logistic Regression	Dr. Regi Jose <i>Professor, Dept of Community Medicine, SGMC</i>
3.00 – 3.30 pm	Doubt-clearing and troubleshooting	All Faculty
3.30 – 4.00 pm	Valedictory function Award of certificates Vote of thanks	All Faculty Dr. Mariyam Alex

ORGANIZING COMMITTEE

Patrons

Shri. Gokulam Gopalan
Chairman,
Gokulam Group of Companies

Dr. Manojan K.K
Managing Director,
Sree Gokulam Medical College and Research Foundation

Vice Patrons

Dr. Lalitha Kailas
Principal,
Sree Gokulam Medical College and Research Foundation

Dr. P. Chandramohan
Dean Emeritus (Clinical),
Sree Gokulam Medical College and Research Foundation

Organizing Chairperson

Dr. Benny P.V
Professor and Head, Department of Community Medicine,
Sree Gokulam Medical College and Research Foundation

Organizing Secretary

Dr. Mariyam Alex
Assistant Professor, Department of Community Medicine,
Sree Gokulam Medical College and Research Foundation

SCIENTIFIC COMMITTEE

Chairpersons

Dr. Regi Jose
Professor, Department of Community Medicine,
Sree Gokulam Medical College and Research Foundation

Dr. Anil Bindu
Professor, Department of Community Medicine,
Sree Gokulam Medical College and Research Foundation

Members

Dr. Nazeema Beevi, *Professor, Dept. of Community Medicine, SGMC*

Dr. Manju L, *Associate Professor, Dept. of Community Medicine, SGMC*

Dr. Divija, *Associate Professor, Dept. of Community Medicine, SGMC*

Dr. Susanna John, *Assistant Professor, Dept. of Community Medicine, SGMC*

Dr. Sayujya S Ghosh, *Assistant Professor, Dept. of Community Medicine, SGMC*

Dr. Jithu S J Nath, *Assistant Professor, Dept. of Community Medicine, SGMC*

Dr. Harsha Lais, *Assistant Professor, Dept. of Community Medicine, SGMC*

Dr. Mariyam Alex, *Assistant Professor, Dept. of Community Medicine, SGMC*
