

Credit hours

This workshop will have 6 credit hours approved by Telangana State Medical Council & will be included in the certificate

Registration

Registration is limited for first 30 participants only on first come first serve basis

Accommodation:

Provided in the campus on sharing basis in the hostel. For details, please contact
Dr. Arun Kiran: 7893256272

For any queries kindly contact

Dr. Prashant Kokiwar
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Email: kokiwar@gmail.com

About the workshop

Statistical softwares offers many robust statistical techniques, which are the need of hour. Days have gone when simply using basic statistical tests like chi square & “t” test was more than enough. Now-a-days reputed journals want your bias free results for which regression modeling is the key. This workshop aims at empowering faculty, post graduates with these robust statistical techniques & improve their skills. Hands-on during the workshop & group work will help you to acquire these skills & hassle-free use of SPSS for statistical analysis.

Who can attend?

Faculty or post-graduates of any medical science discipline who are interested in learning

Requirements

Should have your own laptop with pre-loaded SPSS (if not, you can download trial version); Basic knowledge of bio-statistics will help improved understanding & is desirable

Participants who remain absent during the workshop will not be given the certificate.

By submitting the registration form, you agree to all terms & conditions.



Workshop on

Data analysis & Regression Modelin

Organized by

Department of Community Medicin



21, 22 & 23 July 2026 (Tuesday, Wednesday & Thursday)

Faculty for all Sessions

Dr. Prashant Kokiwar

Professor, Department of Community Medicine
Malla Reddy Institute of Medical Sciences, Surara
Hyderabad

Venue

Malla Reddy Institute of Medical Sciences, Surara
Hyderabad – 500055

Tentative Schedule

Day 1: 21-07-2026 (Tuesday)

Time	Topic	Teaching/learning method
8.30 to 9.00	Breakfast	---
9.00 to 9.30	Registration, Inauguration, Pre-test; Ice-breaking	---
9.30 to 10.00	Introduction to Epi-Collect5: A data collection tool, exporting data from Epi-Collect5 to Excel, understanding data, cleaning data	Lecture & hands on
10.00 to 11.00	Group work & presentation by participants	Learning by doing
11.00 to 11.15	Tea break	---
11.15 to 13.00	Introduction to SPSS, data entry, importing data from Excel, transforming data, chi square test, t test; Handling missing data: Little's MCAR test, Shapiro-Wilk test: Test for normality	Hands-on
13.00 to 14.00	Lunch break	---
14.00 to 15.00	Group work & presentation by participants	Learning by doing
15.00 to 15.15	Tea break	---
15.15 to 16.00	Correlation	Lecture
16.00 to 16.30	Correlation using SPSS	Hands-on
16.30 to 17.30	MEDICAL ETHICS	Lecture
17.30 to 18.00	Questions & answers Feedback	---

Day 2: 22-07-2026 (Wednesday)

8.30to 9.00	Breakfast	---
9.00 to 11.00	Conceptual understanding of simple linear regression	Lecture
11.00 to 11.15	Tea break	----
11.15 to 12.00	Simple linear regression using SPSS: continuous data & categorical data	Hands-on
12.00 to 13.00	Group work & presentation by participants	Learning by doing
13.00 to 14.00	Lunch break	---
14.00 to 14.30	Multiple linear regression	Lecture
14.30 to 15.00	Multiple linear regression using SPSS	Hands-on
15.00 to 15.15	Tea break	---
15.15 to 17.00	Group work & presentation by participants	Learning by doing
17.00 to 17.30	Questions & answers Feedback	---

Day 3: 23-07-2026 (Thursday)

Time	Topic	Teaching/learning method
8.30 to 9.00	Breakfast	---
9.00 to 10.30	Conceptual understanding of logistic regression	Lecture
10.30 to 11.30	Binary logistic regression using SPSS	Hands-on
11.30 to 11.45	Tea break	---
11.45 to 13.00	Group work & presentation by participants	Learning by doing
13.00 to 14.00	Lunch break	---
14.00 to 14.30	Sample size for regression analysis using G power	Hands-on
14.30 to 15.30	Survival analysis	Lecture
15.30 to 15.45	Tea break	---
15.45 to 16.15	Survival analysis using SPSS	Hands-on
16.15 to 17.00	Group work & presentation by participants	Learning by doing
17.00 to 17.30	Questions and answers, Post-test, Feedback Valedictory	---