



# Association of Southern Urologists South Zone - (Urological Society of India)

Register yourself for an  
Online Instructional Course on

**Health Research, Biostatistics  
and Research Management**

**To register click the below link**  
**<https://forms.gle/Gh3MkxUwYneMLQK98>**

## Teaching Faculty



### **Dr. Denis Xavier**

Professor & Head, Pharmacology  
Ex Vice Dean  
Head, Division of Clinical Research and Training  
St. John's Medical College and Research Institute  
Bangalore

**14<sup>th</sup> APR  
24** | TO

**30<sup>th</sup> JUN  
24**

**Limited  
Seats**

**1<sup>st</sup> Session on  
14<sup>th</sup> April 2024**

Academic Partner



## Course Conveners



**Dr. Arun Chawla**

Professor of Urology,  
KMC. Manipal



**Dr. Sanjay Addla**

Apollo hospital,  
Hyderabad



**Dr. Ajay Kumar**

Centini Hospital,  
Vijayawada



**Dr. Kabilan  
Saminathan**

Metro Hospital,  
Chennai



**Dr. P V Srinivasan**

HOD, Dept of Urology,  
Gastrocare Hospital,  
Cuddalore



**Dr. Shal Kakkattil**

MOSC Medical college,  
Kolenchery, Kochi



**Dr. Shashank**

Amrita Institute,  
Kochi

## ASU Council



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Tamilnadu



**Dr. Frederick Paul**

Council member,  
Kerala



**Dr. Jagadeeswar T**

council member  
AP & TS



**Dr. Nischit D Souza**

Council member,  
Karnataka

## The program will help the participants to learn the following –

- Framing a research question and designing a study
- How to choose the appropriate research design
- Fundamentals of Data management
- Fundamentals of Biostatistics
- How to work effectively with statisticians
- Research ethics, regulations in India
- Learn scientific writing for abstract submission in conferences and paper publication in journal
- Gather knowledge about funding for research, grant applications and research presentations

## Salient benefits of the Program

- Interactive session which will allow connect with faculties
- Digital medium of learning for convenience of participants
- Group activities, Quiz competitions with attractive prizes
- Course material will be given to the participants
- Certificates will be given to eligible participants (based on attendance and assessments)
- NMC CME credits applied for

## How to register as a participant

- Please note that there are limited registrations for this program
- You can register yourself through the SZUSI website
- Registrations are based on first come first serve basis
- Payment of INR 1000 (Rupees one thousand only) will be charged for the same



**Limited seats**

CME Credit points applied

## Tentative program Schedule –

- The course is broken into 2 sections and 12 lectures
- Lectures are scheduled on Sundays –5:30 pm to 7:00 pm
- The dates will be kept flexible to accommodate any major festival or other urological conference

### Agenda

Date	Topic	Methodology
14 April 2024	<ul style="list-style-type: none"> <li>• Introduction-Study designs</li> <li>• Cross Sectional study</li> <li>• Registry</li> </ul>	Short lectures focusing on methods, results and interpretation;
21 April 2024	<ul style="list-style-type: none"> <li>• Case Control Studies</li> </ul>	Examples from relevant journals  STROBE, CONSORT, PRISMA, COREQ
28 April 2024	<ul style="list-style-type: none"> <li>• Cohort Studies</li> </ul>	
5 April 2024	<ul style="list-style-type: none"> <li>• Randomized Controlled Trials</li> <li>• Quasi Experimental Studies</li> </ul>	
12 May 2024	<ul style="list-style-type: none"> <li>• Systematic Reviews</li> <li>• Meta Analysis: Pooling Methods &amp; Interpretation</li> <li>• Revman</li> </ul>	
19 May 2024	<ul style="list-style-type: none"> <li>• Types of data • T tests: independent sample; paired</li> </ul>	
26 May 2024	<ul style="list-style-type: none"> <li>• ANOVA • MANOVA • ANCOVA</li> </ul>	
2 June 2024	<ul style="list-style-type: none"> <li>• Chi squared tests • Mann Whitney U • Kruskal Wallis • Wilcoxon's</li> </ul>	
9 June 2024	<ul style="list-style-type: none"> <li>• Correlation: Pearson's and Spearman's</li> <li>• Regression: Linear, Multiple Linear &amp; Multiple Logistic Regression</li> </ul>	
16 June 2024	<ul style="list-style-type: none"> <li>• Survival analysis; Kaplan Meier curves, Hazard ratio, Cox models</li> </ul>	
23 June 2024	<ul style="list-style-type: none"> <li>• Sample Size Estimation;</li> <li>• Data needed for SS</li> <li>• Principles in SS Estimation</li> <li>• Free Software</li> <li>• How to work with Statisticians</li> </ul>	
30 June 2024	<ul style="list-style-type: none"> <li>• Data Collection Instruments (DCI or CRF)</li> <li>• Data Bases • Quality Checks</li> </ul>	
There will be an additional In Person session on the subject in SZUSICON 2024 in Madurai		