



**Sri Lakshmi Narayana
Institute of Medical Sciences,
Puducherry**

**Indian Society of
Anaesthesiologists,
Puducherry**

**DEPARTMENT OF ANAESTHESIOLOGY
&
MEDICAL EDUCATION UNIT SLIMS**

In Association with

**Indian Society of Anaesthesiologists,
Puducherry State Branch**

Cordially invites you for

National Workshop on

**“RESEARCH METHODOLOGY AND
BIOSTATISTICS”**

2nd and 3rd July, SATURDAY AND SUNDAY

VENUE: SLIMS Lecture Hall II (First Floor) , College Block



2022

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Dr. Sanmugapiriya, Associate Professor, Anaesthesiology

Dr. Lavanya, Assistant Professor, Anaesthesiology

Dr. (Major) Karthik, Assistant Professor, Anaesthesiology

Dr. Shilpa Gupta, Assistant Professor, Anaesthesiology

Dr. Ashok Kumar, Senior Resident, Anaesthesiology

Dr. Anusha, Senior Resident, Anaesthesiology

Dr. Abi Meenashy, Senior Resident, Anaesthesiology

WORKSHOP SCHEDULE
RESEARCH METHODOLOGY AND BIOSTATISTICS 2022
Saturday, 02/07/2022 (Day 1)

Time	AGENDA	RESOURCE PERSON
01.45 pm - 02.15 pm	Registration	
02.15 pm- 02.45 pm	Welcome address	Dr. Vishwanath R Hiremath , Prof. & HOD, Dept of Anaesthesiology, SLIMS
	Inaugural address	Dr. Jayalakshmi , Dean, SLIMS
	Presidential address	Dr. Ezhilrajan , President, ISA Puducherry,
	Key note Address	Dr. Asayas Bosco , Medical Superintendent, SLIMS
	Vote of Thanks	Dr.Sanmugapiriya , Associate Professor, Dept of Anaesthesiology, SLIMS
Session 1: RESEARCH METHODOLOGY		
Moderator: Dr. Barathalakshmi, Professor, Dept of PSM, SLIMS		
02.45 pm – 03.15 pm	Introduction and Components of Research methodology	Dr. Vishwanath R Hiremath , Prof & HOD, Dept of Anaesthesiology, SLIMS
03.15 pm- 03.45 pm	Reviewing the Literature: A guide to Research work	Dr.Suresh Rajkumar M , Professor, Dept of Anaesthesiology, AVMCH&C
03.45 pm- 04.00 pm	Tea Break	
04.00pm – 04.30 pm	Research Study designs	Dr. Kalasree. M , Professor ,Dept of Anaesthesiology & DMS, SLIMS
04.30 pm - 05.00 pm	Ethical review and Consent	Dr. Priyadarshini. R.P , Asst Prof, Dept of Pharmacology, JIPMER Karaikkal
05.00 pm – 05.30 pm	Qualitative research	Dr. Remadevi .R Associate Professor, Dept of Anaesthesiology, IGMCI

WORKSHOP SCHEDULE

RESEARCH METHODOLOGY AND BIOSTATISTICS 2022

Sunday, 03/07/2022 (Day 2)

09.00 am - 09.30 am	Writing Research Protocol & Concept paper (IRC/IEC/IRB)	Dr.Gayathri , Professor,Dept of Anaesthesiology, MGMCHRI
09.30 am- 10.00 am	Conduct of Research study (study tool validation, sampling, blinding, etc)	Dr. Stalin. V Addl Professor, Dept of Anaesthesiology, JIPMER Puducherry
10.00 am- 10.30 am	Writing Thesis Vs writing Research publication article (Zotero, Grammerly, plagiarism, Paraphrasing)	Dr. Ramya Associate Professor, Dept of Anaesthesiology, SMVMCH
10.30 am - 10.45 am	Tea Break	
	BIO STATISTICS-- Descriptive statistics	
10.45 am- 11.15 am	Types of data and Summarizing	Dr. Nagalingam.N Associate Professor, Dept of Anaesthesiology, SLIMS
11.15 am- 11.45 am	Data management	Dr. Ramyavel Thangavelu Professor, Dept of Anaesthesiology, PIMS
11.45 am- 12.15 pm	Hands on : Dr. Thiruselvakumar, Dr. Anusha	
	Inferential statistics	
12.15 pm- 12.45 pm	Confidence Limits, Standard Error and Hypothesis testing	Dr. (Major) Karthik .D., Assistant Professor, Dept of Anaesthesiology, SLIMS
12.45 pm- 01.45 pm	Lunch	
01.45 pm- 02.15 pm	Sample size Calculation (α & β errors, Power of the study)	Dr. Sanmugapiriya. K., Associate Professor, Dept of Anaesthesiology, SLIMS

WORKSHOP SCHEDULE
RESEARCH METHODOLOGY AND BIOSTATISTICS 2022
Sunday, 03/07/2022 (Day 2)

02.15 pm 02.45 pm	Continuous data – Normal distribution- 2 groups	Dr. Lavanya , Assistant Professor, Dept of Anaesthesiology, SLIMS
02.45 pm 03.15 pm	Continuous data – Non normal distribution and ordinal data	Dr. Arun Sundar , Associate Professor, Dept of Anaesthesiology, Villupuram Govt Medical college
03.15 pm– 03.45 pm	Hands on: Dr. Thiruselvakumar, Dr. Abi Meenashy	
03.45 pm– 04.00 pm	Categorical data – Incidence, Incidence rate (Chi square, Fischer Exact and Kaplan Meir curves)	Dr. Subbulakshmi Sundaram , Associate Professor, Dept of Anaesthesiology, Cuddalore Govt Medical college
04.00 pm– 04.30 pm	Tea Break	
04.30 pm– 05.00 pm	Continuous data more than 2 groups—ANOVA, ANCOVA	Dr. Thiruselvakumar , Professor, Dept of PSM, SLIMS
05.00 pm– 05.30 pm	Continuous data—Regression analysis, Confounders, Interaction	Dr. Gopalakrishnan.K , Associate Professor, Dept of Anaesthesiology, SLIMS
05.30 pm– 06.00 pm	Hands on: Dr. Thiruselvakumar, Dr. Ashok, Dr. Shilpa	
06.00 pm– 06.15pm	Post test / Valedictory function	

Laptop to be brought by the
participant

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Please Contact

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Dr.Sanmugapiriya, 9944337900

anaesthesiaslims@gmail.com

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