



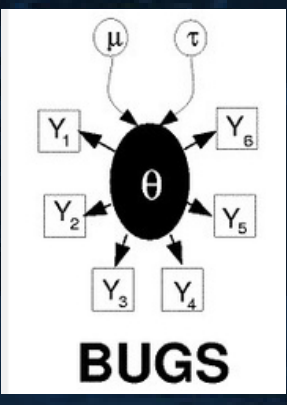
3 Day Workshop

Posterior Beliefs

Evidence

Prior Beliefs

St. John's Research Institute
in collaboration with
Kannur University



BAYESIAN CONCEPT OF HEALTH DATA ANALYSIS

JULY 20-JULY 22, 2023

From 9.30 am -4.30 pm, at St John's Research Institute

OVERVIEW

This **workshop with two modules** will cover the theoretical background of Bayesian statistics with hands-on examples of parametric inference using the popular software R & WinBUGS

TARGET AUDIENCE

20 July

Module 1: Overview of Bayesian statistics
Students, Research Scholars, health professionals & data analyst in the area of Health research with basic knowledge of statistics

21-22 July

Module 2: Advanced Bayesian statistics with hands on Examples using Bayesian Softwares
Successful completion of module 1 with basic knowledge of R programming, statistics & probability

Partially funded by



REGISTRATION

Pay course fee through NEFT
Complete the registration by filling the google form

Scan here for Google form



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SYLLABUS

Days (Modules)	Topics to be covered
20 July (Module 1)	Basics concepts in probability, An overview of Bayesian statistics with important differences from the classical paradigm, Demonstration of Bayesian models, Bayesian Models: A medical Scientist's Perspective, Reading Bayesian Papers and understanding terminologies, Bayesian computing software
21 July (Module 2)	Probability model used in medical research, Bayesian computation and Diagnostics, Introduction to WinBUGS and R interface to WinBUGS,
22 July (Module 2)	Bayesian regression Hands on using R2winBUGS

ACCOUNT DETAILS

BENEFICIARY NAME:
ST. JOHN'S RESEARCH INSTITUTE

BANK NAME:
BANK OF BARODA

BENEFICIARY'S BANK A/C#:
05210100024920

BRANCH: JOHN NAGAR

IFSC CODE:
BARB0STJOHN (5TH DIGIT ZERO)

FEE DETAILS

	Students	Research Scholars	Professionals
Module 1	590	1180	2360
Module 1 & 2	3540	5900	9440

*Course Fee including 18% GST

CO-ORDINATORS

Dr. Tinku Thomas
HOD & Professor
Dept. of Biostatistics,
St. John's Medical College

Dr. Joby K Jose
Registrar & Professor
Dept. of Statistical Science
Kannur University

INSTRUCTORS

Dr. Sebastian George
HOD & Associate Professor, Kannur University

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Statistician, St Johns Research Institute