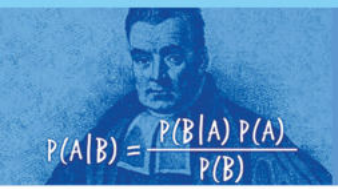
St. John's Medical College
&
St. John's Research Institute

Bangalore 560034



Workshop on Bayesian Computation

May 15 - 18, 2018

Workshop Objectives

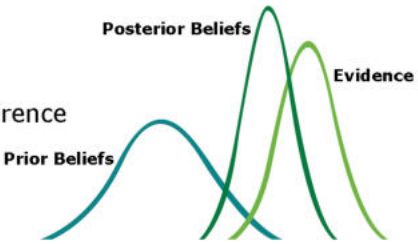
- To introduce various topics in Bayesian modelling
- Promote Bayesian thinking and practice
- Develop Bayesian computation skills using R

Who should attend?

Any person with a strong background in statistics who is desirous of improving their understanding on Bayesian approach and enthusiastic to develop computational skill using R.

Course Content

- The use of R for Bayesian inference
- Markov chain Monte Carlo (MCMC) method
- Gibbs Sampling
- Computational algorithms for Bayesian applications
- Simulation from the posterior distribution
- Construction of graphs to illustrate the posterior inference
- Bayesian tests of simple hypotheses
- Bayesian regression models
- Bayesian survival models
- Bayesian methods for clinical trials



Participants should bring their own laptop for hands-on experience

Workshop Fee

Type of Participants	Before May 1st, 2018	May 1st–May10th,2018
Research Scholars / Academicians	Rs.5000/-	Rs.6000/-
Industries / Companies	Rs.10000/-	Rs.11000/-

Workshop fee includes tuition fee, lunch, workshop materials and 18% GST

Cancellation will be processed only after 18th May 2018. 20% will be deducted from the workshop fee.

biostatws@stjohns.in

Resource Persons

Dr. Sebastian George
Associate Professor, Dept. of Statistics, St. Thomas College, Palai.
Adjunct Professor, Dept. of Biostatistics, CMC Vellore.
Visiting Professor, Dept. of Biostatistics,
University of North Carolina, Chapel Hill, US.

Dr. L Jeyaseelan,
Professor and Head
Biostatistics Resource and Training Centre (BRTC)
Advanced Clinical Data Management Centre (ACDMC)
Dept. of Biostatistics, CMC, Vellore.

Dr. Joby K Jose
Head, Dept. of Statistical Sciences
Kannur University Campus
Mangattuparamaba, Kannur.

Dr. Tunny Sebastian
Lecturer
Dept. of Biostatistics, CMC Vellore.

Ms. Ajitha Sasi
Research Scholar
Dept. of Statistics
St. Thomas College, Pala.

Venue : St. John's Research Institute, Bangalore

Registration	**Account Details**
	Beneficiary Name: St. John's Medical College;
For online registration visit	Bank Name: Bank of Baroda;
www.stjohns.in	Beneficiary's Bank A/c #: 05210200000212;
	Branch: John Nagar;
Fee should be paid through NEFT	IFSC code: BARB0STJOHN (5th digit zero)

For Further Enquiry and Registration, Contact

Prof. Tinku Thomas
Course Co-ordinator
Head, Department of Biostatistics
St. John's Medical College
Bangalore-560034

Ms. Nivya George
Biostatistician
Division of Epidemiology and Biostatistics
St. John's Research Institute
Office 080-4946-7036 / Mobile 8971535094

Mr. Jeswin Baby
Research Analyst
Division of Nutrition
St. John's Research Institute
Mobile 7411359495

Accommodation

Participants will have to bear their own travel and accommodation expenses. Accommodation inside St. John's campus can be arranged on request.

Number of participants limited to 30

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