



WORKSHOP ON

# RESEARCH METHODOLOGY

August 23 - 27, 2011  
LAICO - Aravind Eye Hospital  
Madurai



ARAVIND EYE CARE SYSTEM

Dear Friends,

*Dr. G. Venkataswamy Eye Research Institute, Aravind Medical Research Foundation, Madurai has been successfully conducting research methodology workshops for the past five years with a view to inculcate research culture among health care service providers. The institute is glad to announce its upcoming sixth research methodology workshop to be held at LAICO from August 23 – 27, 2011.*

*The workshop has been designed to give structured attention to the process of formulating a research question and setting up a research design. The workshop schedule includes problem solving sessions, hands – on training, group work and participants' presentations.*

*Warm regards,*

**Dr. S. R. Rathinam**

*Workshop Director*

*Aravind Medical Research Foundation*

## **Goal**

- The objective is to provide the participants with knowledge of research methodologies in order to prepare them for their individual research projects which ultimately lead to publication.

## **Broad Contents**

- Formulation of research questions
- Review of literature (sources, reason)
- Aim, need and significance of the study
- Defining population
- Sampling methods and sample size calculation
- Choosing a research design
- Data analysis and interpretation
- Reporting results and publication

## **Expected Outcome**

At the end of the workshop the participants will be equipped to

- Understand the importance of clinical research and how it can add value to the work they do
- Develop research questions and acquire better understanding of various sampling procedures and sample size calculation
- Gain confidence to design and conduct research study on their own
- Understand the use of appropriate statistical analysis in order to meaningfully interpret the findings
- Acquire knowledge in reporting and publishing the results in popular journals

## Who Should Apply?

- Ophthalmologists
- Medical and allied health professionals
- Postgraduates and fellows from ophthalmology and other fields
- Non – medical professionals involved in research/teaching

## Accommodation

Accommodation can be arranged at *Inspiration* which is just 2 minute walk away from LAICO. It has got both single and double AC/non– AC rooms with the necessary facilities. Travel, food and other personal expenses have to be borne directly by the participants.

## Tariff

These rates indicate room rent and do not include other services.

	Non - AC	AC
Twin Sharing Room (per person)	Rs. 250	500
Single Room	Rs. 350	700

However, we can also facilitate hotel reservations as requested by the participant after confirming his / her participation.

## Admission Procedures

Admission is limited to 35 participants. Individual applicants are requested to complete the application form and send it to the course faculty on or before 30th July, 2011. Tentative reservations may also be made by directly contacting the course faculty. A tentative reservation carries no obligation and is not a substitute for the formal and required application.

## Duration: 5 days

## How to pay?

Participants from India and Nepal pay a Rs. 2500 course fee. All other overseas participants pay US\$ 250. The fee includes refreshments, lunch and workshop materials.

The program fee has to be sent upon the receipt of the invoice on confirmation of your selection. India and Nepal candidates can send the Demand Draft in favour of LAICO payable at Madurai. Overseas candidates can pay through wire transfer, the details will be given in the invoice.

If you request to cancel your enrollment two weeks prior to the course start date your total payment will be refunded. A 25% cancellation fee is applicable if we receive your cancellation request occurs less than two weeks prior to the course start date.

## External Faculty

- **Dr. P.S.S. Sundar Rao**

*Head of Research, Leprosy Mission Trust India, New Delhi  
(Former Professor of Biostatistics, Christian Medical College,  
Vellore)*

- **Dr. Ken Bassett**

*Professor and Division Head,  
British Columbia Centre for Epidemiology & International  
Ophthalmology (BCEIO)  
University of British Columbia, Vancouver, Canada*

- **Mr. Rajesh Kumar John**

*Biostatistician, Coimbatore Kidney Care and Research,  
Coimbatore*

## Aravind Faculty

- **Mr. R.D. Thulasiraj**

*Executive Director, LAICO*

- **Dr. S. R. Rathinam**

*Consultant-Uvea Services and Member Secretary of the  
IRB*

- **Dr. Dhananjay Shukla**

*Consultant, Retina and Vitreous Services,  
Aravind Eye Hospital, Madurai*

- **Dr. R. Venkatesh**

*Chief Medical Officer - Aravind Eye Hospital, Pondicherry*

- **Dr. Anand Rajendran**

*Consultant, Retina and Vitreous Services,  
Aravind Eye Hospital, Madurai*

- **Dr. Lalitha Prajna**

*Consultant Ophthalmologist and Microbiologist,  
Aravind Eye Hospital, Madurai*

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**For further details, contact**

**Mr. Sanil Joseph**

*Faculty*

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