Enrolment Details

Eligibility criteria : Any aspiring researcher from the field of biomedical/life sciences

Maximum number of candidates to be enrolled : 25

Course fee: Rs. 1800/- (one thousand eight hundred only)

Enrolment procedure:

1. Register yourself by emailing your brief bio-data specifying present affiliation, city, contact details (e-mail ID, mobile no.) to **workshop.methodology.niced@gmail.com** and send the hard copy of the same along with course fee Rs. 1,800 as Demand Draft/Pay order (Drawn in favour of "Director, NICED", payable at Kolkata) by speed post or courier to below mentioned contact person. Kindly attach the scanned copy of the demand draft while sending us your e-mail request.

2. Your enrolment will be confirmed through e-mail only after receiving the demand draft/pay order. Enrolment is on first come first served basis.

3. **Last date of enrolment: 15th June, 2017**

4. Accommodation for participants coming from outside Kolkata will be arranged on request at NICED-guest house against a charge of Rs. 200 per night per person for shared occupancy. Single occupancy will cost Rs. 400/- per night per room.

5. Lunch and tea/coffee will be served during the workshop

Course- coordinator
Dr. Byomkesh Manna
Scientist- F
ICMR -NICED
(M)9831202844
mannab2000@yahoo.co.in

Contact person
Dr. Pranab Chatterjee
Scientist - B
ICMR - NICED
(M) 8910212173/9871234129
mail@pranab.net

WORKSHOP ON
RESEARCH METHODOLOGY & BIOSTATISTICS
18th-20th July, 2017

Organised by

ICMR-NATIONAL INSTITUTE OF CHOLERA AND ENTERIC DISEASES (NICED)
(INDIAN COUNCIL OF MEDICAL RESEARCH)
P-33, CIT ROAD, SCHEME - XM, BELIAGHATA, KOLKATA- 700 010

The National Institute of Cholera and Enteric Diseases (NICED), a premier institute of Indian Council of Medical Research (ICMR), is located in close proximity to the Infectious Diseases and Beliaghata General (ID&BG) Hospital, Kolkata, West Bengal. During its journey for more than 50 years, the institute (in short ICMR-NICED) has successfully conducted various epidemiological, clinical and behavioral studies, vaccine as well as drug trials and investigation on vector borne diseases. The scientists of ICMR-NICED have reached far and out in the country to achieve these feats and to generate information of public health importance in the area of enteric diseases, nutrition, respiratory diseases and HIV/AIDS. In addition to the regular training imparted to the Post Graduate students and Ph. D. scholars, currently we intend to conduct a three-day-workshop on 'Research Methodology and Biostatistics' during 18th-20th July, 2017 at ICMR-NICED. The objective of this workshop is to enhance the capacity of future generation of biomedical/life science researchers and to enable them to design and carry out their own research. We cordially invite you to avail this opportunity and register in this workshop where we intend to mix didactic sessions with hands-on-training.

Dr. Shanta Dutta
Director & Scientist-G
ICMR-NICED

Workshop resource persons:
Dr. Arvind Pandey, Ex-Director, ICMR-NIMS
Dr. Samiran Panda, Scientist-F
Dr. Byomkesh Manna, Scientist-F
Dr. Alok Deb, Scientist-E
Dr. Suman Kanungo, Scientist-C
Dr. Falguni Debnath, Scientist-B
Dr. Pranab Chatterjee, Scientist-B

TOPICS TO BE COVERED

- Introduction to research
- Framing research question and developing hypothesis
- Type of study designs (observational and interventional)
- Qualitative and quantitative research
- Descriptive statistics
- Sampling methods and sample size determination
- How to choose appropriate study design and variables to be studied
- Development of study tools and their limitations
- Developing database and data management
- Critical appraisal of published article
- Inferential statistics (estimation, hypothesis testing, parametric & non-parametric tests of statistical significance, confidence interval and p-value)
- Diagnostic test evaluation
- Protocol writing
- Good clinical practice and ethics in biomedical research
- Reference management
- Scientific paper writing
- Hands on training with Epi-Info software for basic statistical analysis