

**BIO-STATISTICS AND EPIDIOMOLOGY  
TRAINING CENTER**

**SHORT TERM COURSES**

**ON**

**Research Methodology & Bio-Statistical Analysis**

**National Institute of Cancer Prevention and  
Research**

**(Jan – June, 2020)**

**Principal Programme Faculty:**

Dr Satyanarayana Labani, Ph. D, FSMS

Dr Smita Asthana, MD

Division of Epidemiology and Bio-Statistics,  
NICPR Noida



**Please register here**

<https://goo.gl/forms/09rpMXWq0RQ1NFUf1>

**Organized by**

**Division of Epidemiology and Bio-Statistics  
National Institute of Cancer Prevention and  
Research (Indian Council of Medical Research)  
Noida (UP)-201301**

**ABOUT NICPR**

National Institute of Cancer Prevention and Research (NICPR) formerly known as Institute of Cytology and Preventive Oncology established under the multidisciplinary high-quality research on major cancers of the India with special reference to cancers of uterine cervix, breast and oral cavity.

**ABOUT BETC**

Bio-Statistics and Epidemiology Training Centre established in the year 2007 at National Institute of Cancer Prevention and Research under the aim to provide short-term courses on research methodology and bio-statistics for graduates and post graduates students/faculty members of bio- medical background.

**COURSES**

**1. Bio-Statistical Analysis and Research  
Methodology Course**

**Duration: Three days, Dates: 22<sup>nd</sup> – 24<sup>th</sup> April,  
2020**

Fee: Rs 3000/-.

Eligibility: PG Bio-Medical/Faculty

Seats: 10

**2. Internship in Research Methodology**

**Duration: As per requirement: March - June  
2020 for one or two months duration**

Eligibility: PG Bio-Medical/Statistics

Fee: Rs.6000/-

Content: Supervision/ guidance for PG thesis  
analysis/ Project Report/ Scientific Paper Writing.

Seats: 2

**3. Outreach Training Workshop on  
Biostatistics Research Methodology**

Duration: One or Two-day Workshop and also as  
a Pre-Conference Workshop in Bio-Medical  
Conferences at host institutes of National/  
International (for details please contact the  
coordinator)

**Note:** The number of participants for each course is  
limited to number mentioned above against each,  
and the selection of participants will be based on  
first come first served after receipt of a request and  
payment of course fee.

**Local Stay:** Participants needs to arrange their own  
accommodation in Noida.

**COURSE SPECIFIC CONTENTS INCLUDE**

*Types of studies (descriptive, analytical & clinical  
trials), Sampling, Sample size determination, data  
collection. Descriptive statistics, concept of p-values,  
confidence intervals, and principles of statistical tests,  
tests on compare means & proportions, correlation,  
concepts of linear / logistic regressions, methods in  
epidemiology such as assess diagnostic tests, measures  
of disease frequency, relative risks & odds ratios, etc.  
Hands on training of Statistical*

*Analysis using SPSS for data on clinic epidemiologic research.*

*Steps in protocol preparation - Development of Research project/ study protocol, Writing Research Report, ethics in medical research. Biostatistics and Epidemiology Requirements of Research Protocol such as Types of studies, sampling, data collection methods, approach of statistical evaluation (Descriptive statistics, Significance Tests, concept of p-values).*

## REGISTRATION

Those willing to attend the course are requested to complete a registration form through registration link <https://goo.gl/forms/09rpMXWq0RQ1NFUf1> Seats will be tentatively reserved in each particular month of interest to those who send requests.

## ENROLMENT

Interested individuals may enrol after depositing course fee through electronic transfer or by sending Demand Draft/Pay order (drawn in **favour of 'Director, NICPR NOIDA payable at Noida or Delhi**) and be sent by courier/speed post to: -

### Dr. Smita Asthana

Scientist E

Bio-Statistics and Epidemiology Training centre

ICMR-NICPR

I-7 Sector-39

NOIDA(UP) –201301

Ph: 0120-2446917 Email:

[nicpr.betc@gmail.com](mailto:nicpr.betc@gmail.com),

[icpo.betc@yahoo.com](mailto:icpo.betc@yahoo.com)

For further query if any please write:

Email: [nicpr.betc@gmail.com](mailto:nicpr.betc@gmail.com)

## MODE OF PAYMENT

- Through crossed demand draft drawn in **favour of 'Director, NICPR NOIDA** payable at Noida or Delhi
- Through electronic fund transfer (**Non-refundable**). For this, the bank details are as follows:

**Account Name:** NICPR/ DIRECTOR, ICPO

**A/C No:** 32383700713

**Bank Name:** STATE BANK OF INDIA, NOIDA

**Bank Branch Name:** Commercial-2, Block-F, Sec-50 Noida, Distt. Gautam Budh Nagar, UP

**IFSC CODE:** SBIN0011486

## Note

- **Please submit a copy of money transfer record with details of bank name, amount, transaction number and date. The proof of details of electronic payment must be send to course coordinator by email:** [nicpr.betc@gmail.com](mailto:nicpr.betc@gmail.com)
- Course Fee does not include lunch & tea. For these in-house courses, participants may avail institute's subsidized catering facilities.

## CONTACT DETAILS:

### Dr Smita Asthana

#### Course Coordinator

Scientist E

Bio-Statistics and Epidemiology Training Centre

ICMR-NICPR

I-7 Sector-39

NOIDA(UP) –201301

Ph: 0120-2446917, (M): +91-9810622149

Email: [nicpr.betc@gmail.com](mailto:nicpr.betc@gmail.com)

### Dr Satyanarayana Labani

#### Course Director

Scientist G

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ICMR- NICPR

I-7 Sector-39

NOIDA(UP) –201301

Email: [icpo.betc@yahoo.com](mailto:icpo.betc@yahoo.com)

### Dr Shalini Singh

#### Director

#### ICMR-NICPR NOIDA

ICMR- NICPR

I-7, Sector-39

NOIDA(UP)- 201301

## About Principal (in-house) Faculty:

### Dr. L Satyanarayana

Dr Satyanarayana Labani, PhD (Bio-Statistics) & Fellow of ISMS is a Director Grade Scientist (Scientist G) and 30 years working in the Cancer Epidemiology & Bio-Statistics. Grants obtained as Principal Investigator for ICMR and INDO-US Projects cervical cancer screening, intramural and extramural projects completed and ongoing, reviewer and editorial board member for various scientific medical journals and having more than 120 publications and two Bio-Statistics Books

### Dr. Smita Asthana

Dr Smita Asthana, MD (Community Medicine) is a Scientist E and 13 years working in the Cancer Epidemiology & Bio-Statistics, received various awards and having more than 50 publications.