



**JOINT STATE TRAINING CENTER  
PARUL UNIVERSITY  
VADODARA, GUJARAT**



**INSTITUTE OF APPLIED STATISTICS  
KANPUR, UTTAR PRADESH**

*Launched*

**One Month Online Certificate Programme  
on**

# **Effective Research Writing**

**Accelerate Your Writing Skills for Synopsis, Protocol, and Thesis**

**(01 February, 2024 to 01 March, 2024 : 07:00 PM - 08:00 PM))**

*Under*



## **DR. PADAM SINGH RESEARCH & DEVELOPMENT SCHEME**

**Convener**



**Dr. Geetika M. Patel**

Vice President  
(Quality, Research & Health Sciences)  
& Medical Director, PIMSR  
Parul University Vadodara, Gujarat



**Dr. M. R. Yadav**

Director  
Research & Development Cell  
Parul University, Vadodara, Gujarat



**Dr. Shubham Pandey**

National Coordinator  
Dr. Padam Singh R&D Scheme  
Institute of Applied Statistics  
Kanpur, Uttar Pradesh



**Dr. Vijay Jagdish Upadhye**

Deputy Director  
Research and Development Cell (RDC)  
Parul University, Vadodara, Gujarat



**Er. Amit Tiwari**

IT Head & Program Coordinator  
Research & Development Scheme  
Institute of Applied Statistics  
Kanpur, Uttar Pradesh



## JOINT STATE TRAINING CENTER Institute of Applied Statistics, Kanpur & Parul University, Vadodara

### ABOUT JOINT TRAINING CENTER

The Joint State Training Center of Institute of Applied Statistics & Parul University was established and inaugurated by the chairperson of R&D Scheme, Dr. Padam Singh on 18 Dec, 2023.

The center's primary objective is to offer high-quality education at a reasonable cost through recognized national and international faculties with years of expertise from many prestigious organizations. Additionally, the institute sought to impart statistical expertise to every organization in the nation.

### ABOUT THE CERTIFICATE PROGRAMME

This course equips students to apply research methodologies and biostatistical methods in public health and clinical research in Medical Science. They'll gain skills to write journal articles and reports, including selecting appropriate analytical methods, conducting analysis using statistical software, and drawing valid conclusions. Topics include one-way ANOVA, linear regression, model building, logistic regression, count data analysis, and time-to-event analysis. Learning methods include lectures, hands-on tutorials, and practical sessions.

### OBJECTIVE

This course aims to deepen understanding of Research Methodology and Biostatistics in the context of Medical Research. It emphasizes practical applications in health-related fields as well as the creation of innovative methodologies for in-depth comprehension of advanced statistical theory. The curriculum covers fundamental concepts in biostatistics and provides hands-on experience in executing computations for advanced statistical techniques.

### WHO SHOULD ATTEND ?

Academicians, Faculties and Research Scholars from Medical Science, Ayurveda, Homoeopathy, Dental, Nursing, Statistics and Biostatistics and who are interested in learning Statistical methods and Research Methodologies.

### REGISTRATION FEE:

**1180/- INR Per Participant**

### REGISTRATION:

For registration please visit our official website: [www.iasdcs.com](http://www.iasdcs.com)

- E-Certificates will be provided to all the participants.
- Access of Recorded Session and PDF Notes will be provided.



### DURATION OF THE PROGRAMME

01 February, 2024 to 01 March, 2024



### SCHEDULE AND TIMINGS

07:00 - 08:00 PM

### SESSIONS OFFERED ON PLATFORMS



### FOLLOW US



### Program Coordinator



#### Dr. Vijay Jagdish Upadhye

Deputy Director  
Research and Development Cell (RDC)  
Parul Institute of Medical Sciences  
and Research, Parul University  
Vadodara, Gujarat, Bharat

#### Er. Amit Tiwari

IT Head  
Department of Information Technology  
Institute of Applied Statistics  
Kanpur, Uttar Pradesh, Bharat

+91-9807912182



[www.iasdcs.com](http://www.iasdcs.com)



[rdscheme.ias@gmail.com](mailto:rdscheme.ias@gmail.com)



+91-7408587515



# Resource Person



**Dr. Padam Singh**

Former  
Additional Director General  
Indian Council of Medical Research  
(ICMR), New Delhi



**Dr. Atul Juneja**

Former Scientist F  
National Institute of Medical  
Statistics (NIMS), ICMR  
New Delhi



**Dr. Indranil Saha**

Scientist E  
ICMR-Centre for Ageing &  
Mental Health, Indian Council  
of Medical Research (ICMR),  
Kolkata



**Dr. Ratan Srivastava**

Dean Academics  
Prasad Institute of Medical  
Sciences Kanpur Road, Lucknow



**Dr. Najmul Huda**

Former Professor  
Department of Orthopedics  
KGMU, Lucknow, Uttar Pradesh



**Dr. Hitesh Khurana**

Professor  
Department of Psychiatry  
Institute of Mental Health  
PGIMS, Rohtak, Haryana



**Dr. Manushi Srivastava**

Professor of Medical Sociology  
Institute of Medical Science  
Banaras Hindu University,  
Varanasi



**Dr. Hari Shankar Asthana**

Professor  
Department of Psychology  
Faculty of Social Sciences, IMS  
Banaras Hindu University,  
Varanasi



**Dr. Girish K J**

Professor & Vice Principal  
Department of Kayachikitsa  
Patanjali Bhartiya Ayurvedigyan  
Evev Anusandhan Sansthan  
Haridwar, U.K.



**Dr. Bindu Garg**

Professor  
Department of Physiology  
Rohilkhand Medical College &  
Hospital  
Bareilly, Uttar Pradesh



**Prof. Dr. Raghavendra L.**

Biodiversity Scientist  
Professor, Dhanvantari Ayurveda  
College, Hospital and PG  
Research Center  
Siddapur, Karnataka



**Dr. Anup Kumar**

Associate Professor  
Department of Biostatistics  
Sanjay Gandhi Postgraduate  
Institute of Medical Sciences  
Lucknow, Uttar Pradesh



**Dr. Dhruvendra Pandey**

Associate Professor  
Government Medical College  
Ratlam, Madhya Pradesh



**Dr. Rashmi Kumari**

Associate Professor  
Department of Community Medicine  
Dr. Ram Manohar Lohia Institute  
of Medical Sciences  
Lucknow, Uttar Pradesh



**Dr. G. Kranthi Kumar**

Associate Professor  
Department of Physiology  
Shri Ram Murti Smarak Institute of  
Medical Sciences  
Bareilly, Uttar Pradesh



**Dr. Jung Bahadur**

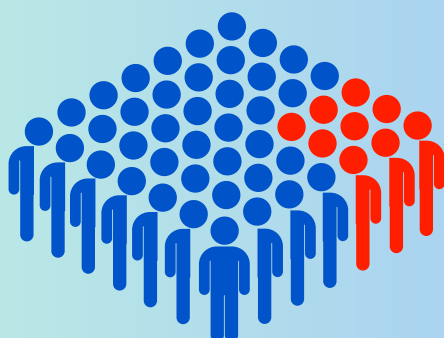
Associate Professor  
Department of Epidemiology  
Biostatistics, KLE University  
Belgaum, Karnataka



**Dr. Prashant Bhandarkar**

Senior Statistician  
Bhabha Atomic Research Center  
Mumbai, Maharashtra

S. No.	Date	Topic	Resource Person
1	01 February, 2024	Importance of Effective Research Communication	Prof. Dr. Raghavendra L.
2	02 February, 2024	Selecting a Research Topic, Formulating a Research Question and Objectives	Dr. Manushi Srivastava
3	03 February, 2024	How to Write a Research Title of the Study and Search Relevant Articles for The Study	Dr. Hitesh Khurana
4	05 February, 2024	Basic Steps of Introduction Writing for Synopsis and Thesis	Dr. Harishakar Asthana
5	06 February, 2024	Five Steps to conduct a Literature Review for Synopsis, Thesis	Dr. Dhruvendra Pandey
6	07 February, 2024	Methodology Section (Basic Components)	Dr. Manushi Srivastava
07	08 February, 2024	Research Design : Fundamental of Study Design and Observational Study Design and Its Measures	Dr. Ratan Srivastava
08	09 February, 2024	Research Design : Experimental and Hybrid Study Design and Its Measures	Dr. Ratan Srivastava
09	10 February, 2024	Sampling Design : Probability and Non-Probability Sampling	Dr. Padam Singh
<b>11 February, 2024</b>		<b>Quiz 1</b>	
10	12 February, 2024	Sample Size Estimation for Observational and Experimental Study	Dr. Padam Singh
11	13 February, 2024	Practical Session : Sample Size using G Power	Dr. Jung Bahadur
12	14 February, 2024	How to Write Inclusion and Exclusion Criteria	Dr. G. Kranthi Kumar
13	15 February, 2024	Components of Result Writing	Dr. Anup Kumar
14	16 February, 2024	Fundamental of Biostatistics Collection, classification of data and response structure	Dr. Indranil Saha
15	17 February, 2024	Data Quality, Master Chart Preparation and Presentation of Data (Graphical and Tabular Presentation of Data)	Dr. Hitesh Khurana
<b>18 February, 2024</b>		<b>Assessment 1</b>	



S. No.	Date	Topic	Resource Person
16	19 February, 2024	Descriptive Statistics (Measure of Central Tendency, Variability and Normality of Data)	Dr. Atul Juneja
17	20 February, 2024	Inferential Statistics : Fundamental of Testing of Hypothesis	Dr. Indranil Saha
18	21 February, 2024	Inferential Statistics : Parametric and Non-Parametric Test	Dr. Anup Kumar
19	22 February, 2024	Computation of Correlations and Regression Analysis	Dr. Atul Juneja
20	23 February, 2024	Effective Discussion Writing	Dr. Rasmi Kumari
21	24 February, 2024	Effective Conclusion Writing	Dr. Bindu Garg
<b>25 February, 2024</b>		<b>Quiz 2</b>	
22	26 February, 2024	How to Write Recommendation and Limitation of the Study	Dr. Bindu Garg
23	27 February, 2024	Fundamental of Reference Writing for Synopsis and Thesis	Dr. Nazmul Huda
24	28 February, 2024	Practical Session : Software Management Tools for Reference Writing like Zotero and Mendeley	Dr. Prashant Bhandarkar
25	29 February, 2024	Plagiarism Check and Guidelines	Dr Girish KJ
<b>01 March, 2024</b>		<b>Assessment 2</b>	

