

EXPERT SEMINAR - 09 MAR 2022 (VIRTUAL)

# SPREADSHEET DATA MANAGEMENT: SIMPLE, CONVENIENT YET POWERFUL

Microsoft Excel Spreadsheets are widely used software tools for public health studies for data entry, storage, analysis, and visualization. Aiming at the data entry, storage, exploration aspects, this seminar offers theoretical underpinnings and practical sessions for organizing spreadsheet data to reduce errors and ready to statistical explorations later.

By applying essential operational procedures in spreadsheet programs, researchers can ensure good data quality for interoperability requirements in the age of analytics.

## KEYNOTE SPEAKERS



Dr. M. Vishnu Vardhan Rao,  
Director-NIMS, New Delhi



Dr. Santasabuj Das  
Director-in-Charge,  
ICMR-NIOH, Ahmedabad

## EXPERTS



Dr. Madan G Kundu,  
Associate Director – Biostatistics  
Daiichi Sankyo, Inc. NJ, USA



Dr. Sankalp Ojha,  
Assistant Professor (Statistics)  
Uttar Banga Krishi University,  
Koochbihar, WB



Dr. SukhDev Mishra  
Scientist C (Biostatistics)  
ICMR-NIOH, Ahmedabad



Ravi Verma,  
Sr. Actuary/ Statistician  
Oman

## ABOUT US



The ICMR-National Institute of Occupational Health is the premier institute, under the aegis of the Indian Council of Medical Research (ICMR) under the Department of Health Research, Ministry of Health and Family Welfare, Govt. of India.

## WHO SHOULD ATTEND

Biomedical researchers, Data Managers,  
Database Designers

## REGISTRATION

Interested candidates may submit their application through below link.  
Maximum Registrations: 150 ; ( No Fee)  
Registration Deadline: 06 Mar 2022  
e-certificate will be issued to those participants who successfully complete assessment quiz.

Online Registration Link:  
<https://tinyurl.com/3w6bxy4k>



## CONVENER

Dr. SukhDev Mishra  
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## SPREADSHEET FEATURES



### DESIGNING OF DATABASE

Excel is the interface of database structures to design data tables incorporating access to up-to-date, accurate information following principles of good DB design easily accommodating the change.



### STATISTICAL EXPLORATION

If you need to perform statistical or numerical analyses, you can save steps and time by using the Analysis ToolPak add-in program.



### DATA VISUALIZATION

Excel helps to create an effective data visualization by choosing the right type of chart or graph.

## WHY STRUCTURED DATABASES ARE ESSENTIAL

### ● DATA DRIVEN INSIGHTS

In public health, Data is one of the most valuable and abundant resources available for researchers. With large amounts of data being generated every second of each day, the insights gleaned can inform virtually every decision—often resulting in favorable outcomes.

### ● INTEROPERABILITY OF PUBLIC HEALTH DATA SETS

Real-world data (RWD) and real-world evidence (RWE) are playing an increasing role in health care decisions. With every electronic device generating data, there is increased potential to allow us to better design and conduct studies in the health care setting to answer questions. By designing smart and interoperable database, we can make different systems interact and exchange information efficiently.

“The ability to take data – to be able to understand it, to process it, to extract value from it, to visualize it, to communicate it – is going to be a hugely important skill in the next decades.”

- Hal Varian  
Chief Economist, Google