

Statistical Analysis: A transition from hypothesis driven approach to data driven approach

29th June 2022 | 10:00 AM to 04:35 PM

 Registration link to Join: shorturl.at/sEGOW

Speakers



Prof. (Dr.) Balram Bhargava
Secretary DHR and DG ICMR



Dr. Samiran Panda
Addl. Director General
ICMR



Dr. M Vishnu Vardhana Rao
Director, ICMR-NIMS



Prof. R M Pandey
Dr. A. S. Paintal Distinguished
Scientist Chair, ICMR



Prof. Chakravarthy Bhagwati
Dean SCIS, University of
Hyderabad



Prof. Amitava Banerjee
Clinical Data Science
University College London



Dr Raghu Dhamaraju
President, ARTPARK, IISc and
Fellow, Lancet Citizens'
Commission on Reimagining
India's Health System



Prof. Chillarige Raghavendra Rao
Senior Professor, SCIS
University of Hyderabad



Dr. Srujana Merugu
Principal scientist
Amazon, India



Dr. Saurabh Gupta
Additional Professor
Department of Cardiology
AIIMS New Delhi



Dr. Dasharathraj K Shetty
Associate Professor
MIT, MAHE, Manipal



Dr Arpita Biswas
Postdoctoral Fellow, John A.
Paulson School of Engineering
and Applied Sciences,
Harvard University

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Program Agenda

Time	Topic	Speaker(s)
10:00 - 10:10 am	Welcome note and seminar overview	Dr. M. Vishnu Vardhana Rao Director, ICMR-NIMS
10:10 - 10:20 am	Opening remarks	Dr. Samiran Panda Addl. Director General, ICMR
10:20 - 10:30 am	Inaugural address	Prof. (Dr.) Balram Bhargava Secretary Department of Health Research (DHR) & Director General, Indian Council of Medical Research
10:30 - 11:10 am	Hypothesis driven research	Prof. R M Pandey Dr. A. S.Paintal Distinguished Scientist Chair, ICMR
11:10 - 11:50 am	Data driven approach	Dr.M. Vishnu Vardhana Rao Director, ICMR-NIMS
11:50 - 12:30 pm	Statistics vs Machine Learning : applied case studies	Dr. Dasharathraj K Shetty Associate Professor, MIT, MAHE, Manipal
12:30 - 1:10 pm	A data driven approach to managing a pandemic. Learnings from the field	Dr. Srujana Merugu Principal Scientist, Amazon, India
1:10 - 1:50 pm	Lunch	
1:50 - 2:30 pm	Data-driven Pattern Recognition using Deep Learning	Prof. Chakravarthy Bhagwati Dean SCIS, University of Hyderabad
2:30 - 3:10 pm	Big Data analytics to measure morbidity and mortality - from NCD to Pandemic	Prof. Amitava Banerjee Clinical Data Science University College London
3:10 - 3:50 pm	Decision Intelligence for Public Healthcare Programs	Dr. Arpita Biswas Postdoctoral Fellow, John A. Paulson School of Engineering and Applied Sciences, Harvard University
3:50 - 4:30p.m	Panel discussion: Statistics & Artificial Intelligence: Future Directions in health research	Discussant: Dr. M. Vishnu Vardhana Rao Panelists: Prof. Chakravarthy Bhagwati, Prof. Chillarige Raghavendra Rao, Dr. Saurabh Gupta, Dr. Raghu Dhamaraju, Dr. Srujana Merugu
4:30 - 4:35p.m	Vote of Thanks	Dr. H.K. Chaturvedi Scientist G, ICMR-NIMS