



Jaya Prakash Narayan National Centre of
Excellence in the Humanities

and

School of Humanities and Social Sciences,
IIT Indore



Cordially Invite you to Institute Public Lecture on

“How Assimilation of Math, Stat and Econ Led to an Econometrics Innovation: The CES Production Function”



By
Globally Renowned Econometrician

Professor Anil K. Bera,
Professor of Economics,
University of Illinois at Urbana-Champaign
(UIUC), Illinois, United States.

Date: 7 January 2025

Time: 9.30 AM

Abstract:

Venue: POD 1D, Room 105

In this talk I take up the first nonlinear model in econometrics, specifically the constant elasticity of substitution (CES) production function. The importance of the CES function in all branches of economics can hardly be overemphasized. However, the history behind the CES function is mostly unknown. I will reveal the fascinating story behind its formulation where Econ, Stat and Math all played major roles. It also involved three senior economists (two of them received Nobel Prize) and one novice graduate student from India with no training in Math and Statistics.

About the speaker:

Dr. Anil Bera is currently working as Professor of Economics in the University of Illinois at Urbana-Champaign (UIUC), Illinois, United States. He received a B.Sc. from Calcutta University in 1975 in Statistics (First Class), a master's degree from Indian Statistical Institute in 1977 in Econometrics and Planning (First Class), and a Ph.D. in 1983 from Australian National University (Phd Aspects of Econometric Modeling). Before joining UIUC, he was a CORE Fellow at the Université Catholique de Louvain, Belgium. He received the Economics Graduate Students' Organization (EGSO) Award for Excellence in Graduate Teaching eight times since 1989, the College of Commerce Alumni Association Outstanding Teaching Award for Graduate Teaching in 1991 and Honorable Mention of the Campus Award for Excellence in Graduate and Professional Teaching in 2005. He has been a visiting faculty member in several eminent academic institutions across the globe. He is on the Editorial Board of several leading journals of Econometrics, Economics, Statistics. He served as a Guest Editor at the Journal of Statistical Planning and Inference (1996-2001). Professor Bera has contributed to the development of a number of test statistics, such as Jarque-Bera test for normality and Bera-McAleer's test for linear and log-linear models. His book "Financial Econometrics and Empirical Market Microstructure" introduces novel approaches for stress-testing and reviews methodology for mortgage econometrics. His current research includes Spatial Statistics, Econometrics, testing under mis specified models, History of Mathematics and Statistics. Dr. Bera established a Free School for the needy children in his village under A. Bera Center for Development and Education (ABCDE) in January 2020. ABCDE now, as of October 2024, has ~80 students and 10 teachers.

Inaugural Sessions

7th January 2025

9.30 AM- 9.35 AM	Lighting lamp.
9.35 AM- 9.45 AM	Opening Remarks by Director, IIT Indore.
9.45 AM- 9.50 AM	International Collaborations of IITI by Dean of International Relations, IIT Indore.
9.50 AM - 9.55 AM	About the School of Humanities and Social Sciences by HOD SHSS, IIT Indore.
9.55 AM - 10.00 AM	About the workshop by Workshop Convener.
10.00 AM - 10.30 AM	Felicitation of Prof Anil K. Bera for his lifetime contribution to the Econometrics literature.
10.30 AM - 11.00 AM	Public lecture by Prof. Anil K. Bera.
11.00 AM - 11.15 AM	High Tea.

Venue : POD 1D, Room 105, IIT Indore, Simrol. Khadwa Road, Indore, Madhya Pradesh.

Google Map Location:

