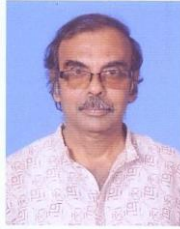


Biodata



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Designation : Retired Professor of Economics, University of Burdwan, West Bengal and Senior ICSSR Fellow

EDUCATION

Columbia University, New York

: Reading Credit in Eight Courses and Post Doctoral Research in Open Economy Endogenous Growth, January 1990- January 1991. two Semesters.

**Jawaharlal Nehru University
New Delhi.**

Ph.D in Endogenous Technological Progress,1983

Pre-Ph.D Course,1976.

University of Calcutta.

**M.A in Economics,1974.
Economics Hons. B.A in Economics 1972.**

University of Burdwan

Computer Applications, 1997

**Institute of Economic Growth
New Delhi**

A Course in Environmental Economics and Sustainable Development, 1999

Rabindra Bharati University

Masters in Tagore Songs

Awards:

**Reserve Bank of India Fellowship,
Ford Foundation Post-Doctoral Fellowship
ICSSR Senior Fellowship, 2016-2018**

Areas of Interest

**New Trade Theory (Strategic Trade), Trade & Environment,
Public Finance Policy, Environmental & Ecological**

Economics, Sustainable Human Development

Other Interests: Poetry, Music and Films.

EXPERIENCE

Columbia University, New York - Visiting Faculty at the Department of Economics and Teaching Assistant at Columbia Business School, 1990 & 1991

North Bengal University

Lecturer in Economics 1982-1986 (Asst. Prof.)
Reader in Economics 1986- 1996 (Assoc. Prof)

Burdwan University

Reader in Economics 1996 – 2001 (Assoc. Prof)
Professor of Economics 2001- 2016

Jawaharlal Nehru University

Visiting Faculty, 1992, (at ITD) 2002(at CESP)

Institute of Development Studies

Kolkata Professor of Economics 2003-2005 & Adjunct ICSSR Professor 2016-2018

Visits:

**Indian Statistical Institute 1987,
Kiel Institute of World Economics, 1991
Institute of Economic Growth, 1999,
Australian National University, Canberra, 2000
and Centre for South-Southeast Asian Studies,
University of Sydney, Australia, 2000**

Doctoral Dissertation (With Prof. Ashok Guha, ITD, SIS, JNU)

Market structure and Technical Progress: (Innovating Oligopoly)

This work concentrated on the dynamic game of innovation in oligopoly and established that, growth emanating from innovation being endogenous depends on the market structure. Schumpeterian emphasis on the size of the market was shown to be partial; technical change depended on the rate of change of, rather than on the size of market. Steindl – Sylos-Labini variety of oligopoly pessimism could not be endorsed. The future organization of the industry was shown to be depending on parameters, e.g. price-elasticity or the rate of change of demand, the future ranging from stagnancy, through steady state or oscillatory explosion in technological change and related market variables.

Post Doctoral Research (With Prof. Ronald Findlay at Columbia University, New York) ***Long Run Endogenous Comparative Advantage***

Emphasizing that innovation in South, as a process, being different as compared to that in North, mainly in the nature of factor use, the innovative process was shown to be containing the possibility of reversal in the long run comparative advantage of the two countries, where comparative advantage was measured in terms of marginal cost ratios of comparable commodities.

Research in *Endogeneity of Environment* has been carried on since 1996; main results so far: *Environment, Distribution of Income and International Trade have to be integrated to arrive at the optimal policy; There is a law of environmental concentration that helps monopolies to accentuate; Globalisation makes environment a matter of leadership - followership game, whereby developing South is likely to loose; Demand side of the market strongly influences the future of environment. Excessive credit restriction under fiscal consolidation worldwide is not an optimal polic, especially for finance-starved developing countries in recession continuing all over the world (being revised under ICSSR Fellowship)*

Also completed a **World Bank aided Environmental Economics Capacity Building Project** carried out at the Department of Economics, Burdwan University, 1999-2001; Written **District Human Development Reports** for Burdwan and Purulia districts of West Bengal – UN- West Bengal Government Projects,

AWARDS: Reserve Bank of India Fellowship (1975-79)
Ford Foundation Post Doctoral Fellowship (1990-91)
Senior ICSSR Fellowship 2016 -

Research Works

A Chapter in a Book

“Environment and International Trade: Global Issues and Initiatives”, Chapter 7 in R.N.Bhattacharya ed. *Environmental Economics: An Indian Perspective*, Oxford University Press, 2001.

“Dynamic Optimization” in Pinaki Chakraborti and Maniklal Adhikary eds. *Contemporary Economics : A Brief Refresher* UGC-Academic Staff College, the University of Burdwan, 2001.

“Sustainable Regional Comparative Advantage: Environmental Costs in Selected Heavy Industries.” In Jyoti K. Parikh (ed.) *Reconciling Environment and Economics: Executive Summaries of EERC Projects* [EERC-IGIDR-Ministry of Environment and Forest India-World Bank volume of completed projects] 2003.

“Dynamic Optimization” in Pinaki Chakraborti and Maniklal Adhikary eds. *Contemporary Economics : A Brief Refresher* UGC-Academic Staff College, the University of Burdwan, 2001.

“Small Farmers, Evolutionary Economics and the NAP: In Search of a Discrete Theoretical Basis” in K.N.Bhatt and Pradeep Bhargava eds. *Agrarian Change and Small Farmers* G.B. Panth Institute of Social Sciences, Allahabad, 2013

Books:

***The Development Centrifuge: In Search of a Theory and a Centre* Occasional Paper 6 Institute of Development Studies Kolkata, 2005.**

***Contemporary Economics: A Brief Refresher* edited with Maniklal Adhikary UGC-Academic Staff College, the University of Burdwan, 2001.**

***Sustainable Development an Interdisciplinary Approach*, edited with Piyali Dasgupta and Chameli Pandit Published by Sahajatri, for Sarsuna College, West Bengal , 2013.**

***District Human Development Report, Burdwan, 2010* written as the lead coordinator for the Development and Planning Department, GoWB**

***District Human Development Report, Purulia 2011*, written as the lead coordinator for the Development and Planning Department, GoWB Chapters in a Book**

Papers (published & Unpublished)

“An Innovating Firm in Oligopoly” *Arthaniti*, 1985 (1982-83 issue).

“Whittaker on Managing Innovation” Review, *Weiltweirtschaftliches Archiv*, 1992

Zoltan Ach *et al* on Small Industries” Review, *Weiltweirtschaftliches Archiv*, 1992

“Measuring Gender Discrimination: The Indian Experience and a new Index”, coauthored with Anish Mukherjee and Sugata Marjit, *The Journal of Interdisciplinary Economics*, 2009, Vol. 21, pp. 53–68 A B Academic Publishers, Printed in Great Britain

“International Trade, Environment and Market Imperfection: A Computable General Equilibrium Analysis for India” , Co-authored with Koushik Das *South Asian Journal of Macroeconomics and Public finance*, Vol-1, Issue-2 , ISSN No- 22779, December, 2012

“General equilibrium analysis of trade and environment under alternative market structure: a computable general equilibrium study for India” , Co-authored with Koushik Das *DECISION*, Vol-1, No-2, Sept-2013.(Published by Springer).

“Trade and environment in India: A Computable General Equilibrium analysis”, Co-authored with Koushik Das *The Indian Journal of Economics*, Vol-Xiic, pp: 647-672, April, 2012.

“Indian Jute Industry in the Globalisation era: Structure and Performance”, Co-authored with Anusri Pal, *Economic and Political Weekly*, Vol: 46, No: 10, March 05—March 11, 2011.

“Globalisation and India’s Jute Industry : Competitiveness & Performance” in Co-authored with Anusri Pal, *Indian Journal of Industrial Relations*, 47,1, 2011

“Continuum of Goods Model With Ricardian Technology: Relative Factor Intensity Determines Environmental Degradation”, Co-authored with T. Mandal (2012), *Journal of International Economics*, July-December, 2013 [An Indian Journal]

“Bo(u)nded Rationality, Involuntary Employment and Economics of Inhuman Capital” Amartya Sen’s Nobel Prize Felicitation Publication of GoWB, 1999 (was presented earlier at National Conference, CESP, Jawaharlal Nehru University, 1997).

“Discrete Mathematics in Input-output Dynamics, Endogenous Technical Progress : Nonconvexities and Increasing Returns” *Proceedings* International Input-Output Association, XIth Annual Conference, 1995.

“Optimal Environmental Expenditure: The Role of Demand” *Proceedings* of ISEE 2000, ANU, Canberra, Australia July, 2000.

"Fiscal Deficit Equilibrium: Looking Afresh" coauthored with Anish Mukherjee in *Annual Conference Volume, Indian Economic Association*, December, 2002.

“Endogenous Long Run Comparative Advantage” Ford Foundation Post Doctoral Research Fellowship Research paper, 1995 (Final version of research done at Columbia University New York, 1990-91) completed at North Bengal University, 1995.

“Technology of Living towards Sustainable Economic Development” National Conference, CESP, Jawaharlal Nehru University, 1998

“Emergent Control of Biodiversity Dynamics: A Game Theoretic Overview” Paper selected for presentation by ISEE at the Conference in Montreal, Canada, 2004

“Evolution of Cooperation among LDCs: A Game Theory Model” Research Methodology Workshop, North Bengal University, 1994.

“Whittaker on Managing Innovation” Review, *Weiltweirtschaftliches Archiv*, 1992

Zoltan Ach *et al* on Small Industries” Review, *Weiltweirtschaftliches Archiv*, 1992

“Endogenous Long Run Comparative Advantage” Ford Foundation Post Doctoral Research Fellowship Research paper, (Final version of research done at Columbia University New York, 1990-91) completed at North Bengal University, 1995

“Evolution of Cooperation among LDCs : A Game Theory Model” Research Methodology Workshop, North Bengal University, 1994.

Computing Skills:

Application Packages

MS-Office, SPSS 7.5, STELLA5,

.

References :

Dr. Ashok Guha, Professor Emeritus, CITD, School of International Studies, Jawaharlal Nehru University, New Delhi 110067; email id: ashoksanjayguha@gmail.com

Dr. Ramprasad Sengupta, Professor Emeritus, CESP, School of Studies in Social Sciences, Jawaharlal Nehru University, New Delhi 110067

Dr. Shibabrata Das, Senior Researcher, IMF (one of the three best students I ever taught); email id : sdas@imf.org

Personal:

Nationality Indian; Date of Birth 2nd April, 1951.