

BHASKAR DUTTA

Current Employment : Professor, University of Warwick, (2000-)

Previous Employment : Professor, Indian Statistical Institute, 1985-2002, Associate Professor, Indian Statistical Institute (1979-1985). Research Associate, Delhi School of Economics (1976-1979).

Education : M.A.(University of Delhi, 1974), Ph.D.(University of Delhi, 1978).

Publications

A. Economic Theory

- Existence of Stable Situations, Restricted Preferences and Strategic Manipulation under Democratic Group Decision Rules, *Journal of Economic Theory*, 1977, Vol. 15.
- On Nicely Consistent Voting Systems, *Econometrica*, 1978, Vol. 46 (written with P.K. Pattanaik).
- Strategic Manipulation of Issues in Group Decision Making, in P.K. Pattanaik, *Strategy and Group Choice*, 1978, North Holland, (written with P.K. Pattanaik).
- A Condition for Nash Stability under Binary and Democratic Group Decision Functions, *Theory and Decision*, 1979, Vol. 10 (written with M. Sengupta).
- Strategic Voting in a Probabilistic Framework, *Econometrica*, 1980, Vol. 48.
- On the Possibility of Consistent Decision Procedures, *Review of Economic Studies*, 1980, Vol. 47.
- Individual Strategy and Manipulation of Issues, *Mathematical Social Sciences*, 1981, Vol. 1.
- Restricted Preferences and Strategy Proofness of Single Valued Social Decision Functions, *Mathematical Social Sciences*, 1982, Vol. 2.
- Implementability via Protective Equilibria, *Journal of Mathematical Economics*, 1982, Vol. 10 (written with S. Barbera).
- Multivalued Social Functions and Strategic Manipulation with counterthreats, *Mathematical Social Sciences*, 1981, Vol. 2.
- Further Results on Voting with Veto, in P.K. Pattanaik and M. Salles, (Eds.), *Strategy and Social Choice*, 1983, North Holland.
- Effectivity Functions and Acceptable Game Forms, *Econometrica*, 1984, Vol. 52.

- On Enforcing Socially Best Alternatives of Binary Group Decision Rules, *Social Choice and Welfare*, 1985, Vol. 1 (written with P.K. Pattanaik).
- Ethical Indices of Income Mobility, *Social Choice and Welfare*, 1985, Vol. 2 (written with S.R. Chakravarty and J. Weymark).
- Exact Choice and Fuzzy Preferences, *Mathematical Social Sciences*, 1986, Vol. 11 (written with P.K. Pattanaik and S. Panda).
- General, Direct and Self Implementability, *Mathematical Social Sciences*, 1986, Vol. 11 (written with S. Barbera).
- Fuzzy Preferences and Social Choice, *Mathematical Social Sciences*, 1986, Vol. 13.
- A Note on Measures of Distance between Income Distributions, *Journal of Economic Theory*, 1987, Vol. 40 (written with S.R. Chakravarty).
- Covering Sets and Condorcet Choice Functions, *Journal of Economic Theory*, 1988, Vol. 44.
- A Concept of Egalitarianism under Participation Constraints, *Econometrica*, 1989, Vol. 57 (written with D. Ray).
- A Consistent Bargaining Set, *Journal of Economic Theory*, 1989, Vol. 49 (written with D. Ray, K. Sengupta, and R. Vohra).
- The Egalitarian Solution and Reduced Game Properties in Convex Games, *International Journal of Game Theory*, 1990, Vol. 19.
- A Necessary and Sufficient Condition for Two-Person Nash Implementation, *Review of Economic Studies*, 1991, Vol. 58 (written with A. Sen.)
- Implementation under Strong Equilibrium, *Journal of Mathematical Economics*, 1991, Vol. 21 (written with A. Sen).
- Constrained Egalitarian Allocations, *Games and Economic Behavior*, 1992, Vol. 4 (written with D. Ray).
- Social Welfare and Equality, *Social Choice and Welfare*, 1992, Vol. 9 (written with J.M. Esteban).
- Noncooperative Bargaining in Characteristic Function Games, *Review of Economic Studies*, 1993, Vol. 60 (written with K. Chatterjee, D. Ray, and K. Sengupta).
- Implementation of Generalized Condorcet Correspondences through Backward Induction, *Social Choice and Welfare*, 1993, Vol. 10 (written with A. Sen).
- A Characterization of Egalitarian Equivalence, *Economic Theory*, 1993, Vol. 3 (written with R. Vohra).

- Profitability and Concentration : Entry Deterrence in a Model of Location, in B. Dutta et al (edited) *Theoretical Issues in Development Economics*, Oxford University Press, 1993. (written with S. Gangopadhyay, D. Ray and K. Sengupta).
- Implementation with Perfect Information: A Survey, in B. Dutta et al (edited) *Theoretical Issues in Development Economics*, Oxford University Press, 1993. (written with A. Sen).
- Bayesian Implementation: On the Necessity of Infinite Mechanisms, *Journal of Economic Theory*, 1995 (written with A. Sen).
- Protective Behavior in Matching Models, *Games and Economic Behavior*, 1995, Vol.7 (written with S. Barbera).
- Two Person Bayesian Implementation, *Economic Design*, 1995, Vol.1 (written with A. Sen).
- Nash Implementation in Economic Environments with Elementary Mechanisms, *Economic Design*, 1995, Vol. 1 (written with A. Sen and R. Vohra).
- Ranking Opportunity Sets and Arrow Impossibility Theorems: Correspondence Results, *Journal of Economic Theory*, 1996 (written with A. Sen).
- Reasonable Mechanisms and Nash Implementation, in K.J. Arrow, Amartya Sen and K.Suzumura (edited) *Social Choice Theory Reexamined*, Macmillan, 1997.
- Stable Mechanisms, *Journal of Economic Theory*, Vol. 76, 1997 (written with S. Mutuswami).
- Stable Matchings when workers have preferences over Colleagues, *Journal of Economic Theory*, 1997, Vol. 75. (written with J.Masso).
- Rubinstein Auctions : On Competition for Bargaining Partners, *Games and Economic Behavior*, 1998 (written with K.Chatterjee).
- Link formation in Cooperative Situations, *International Journal of Game Theory*, 1998 (written with S.Tijs and A.van Noeweland).
- Comparison Functions and Choice Correspondences, *Social Choice and Welfare*, 1999 (written with J.F. Laslier).
- Incentive Compatible Reward Schemes for Labour-Managed Firms, *Review of Economic Design*, 2000(written with S.Barbera).
- The Stability and Efficiency of Directed Communication Networks, *Review of Economic Design*, 2000 (written with M.Jackson).

- Strategyproofness of Multivalued Social Choice Procedures, *Journal of Economic Theory*, 2001, (written with S. Barbera and Arunava Sen).
- Strategic Candidacy and Voting Procedures, *Econometrica*, 2001 (written with M.Jackson and M.Le Breton).
- Strategyproof Probabilistic Mechanisms in Economies with Pure Public Goods, *Journal of Economic Theory*, 2002 (with Hans Peters and Arunava Sen)
- Voting by Successive Elimination and Strategic Candidacy, *Journal of Economic Theory*, 2002 (with M.Jackson and M.Le Breton).
- Poverty, Inequality and Welfare, in K.J. Arrow, Amartya Sen and K.Suzumura (edited) *Handbook of Social Choice Theory*, 2003, North Holland.
- Cost Monotonicity and the Core in Minimum Cost Spanning Tree Games, *Games and Economic Behavior*, 2004 (written with A. Kar).
- Equilibrium Agenda Formation, *Social Choice and Welfare*, 2004 (written with M.Jackson and M. le Breton).
- The Banks Set and the Uncovered Set in Budget Allocation Problems, D. Austen-Smith and J. Duggan (ed) *Essays in Honour of Jeff Banks*, 2004 (with M. le Breton and M. Jackson).
- Incomplete Information, Credibility and the Core, *Mathematical Social Sciences*, 2005 (with Rajiv Vohra).
- Farsighted Network Formation, *Journal of Economic Theory*, 2005 (written with S.Ghosal and D.Ray).
- Approval Voting: Three Examples, *International Journal of Game Theory*, 2006 (with Francesco De Sinopli and Jean Francois Laslier).
- Strategy-proof Cardinal Decision Schemes, *Social Choice and Welfare*, 2007 (with H.Peters and A.Sen).
- Some Remarks on the Ranking of Infinite Utility Streams, in *Arguments for a Better World:Essays in Honour of Amartya Sen*, edited by Kaushik Basu and Ravi Kanbur, 2008, Oxford University Press, Oxford
- Communication Networks with Endogenous Link Strength, *Games and Economic Behavior*, 2009 (with Francis Bloch).
- Local Network Externalities and Market Segmentation, *International Journal of Industrial Organisation*, 2009(with A.Banerji).
- Correlated Equilibria, Incomplete Information and Coalitional Deviations, *Games and Economic Behavior*, 2009(with Francis Bloch).

- Formation of Networks and Coalitions, in J.Benhabib, M. Jackson and A. Bisin (ed.) *Handbook of Social Economics*, North-Holland, 2011, (written with Francis Bloch).
- Externalities, Potential, Value and Consistency, *Journal of Economic Theory*, 2010, (written with Lars Ehlers and Anirban Kar)
- Minimum Cost Arborescences, *Games and Economic Behavior*, 2012, (written with Debasis Mishra).
- Nash Implementation with Partially Honest Individuals, *Games and Economic Behavior*, 2012, (written with Arunava Sen).

B. Development

- On the Measurement of Poverty in Rural India, *Indian Economic Review*, 1978.
- Intersectoral Disparities and Levels of Living in India, *Indian Economic Review*, 1980.
- Contracts with Eviction in Infinitely Repeated Principal-Agent Relationships, in P.K. Bardhan,(Ed.), *The Economic Theory of Agrarian Institutions*, 1988, Clarendon, Oxford (written with D. Ray and K. Sengupta).
- Subsidy Policies with Capital Accumulation: Maintaining Employment Levels,*Journal of Population Economics*, 1989, Vol. 2 (written with I. Gang and S. Gangopadhyay).
- Migration and Welfare, *European Journal of Political Economy*, 1990, Vol. 6 (written with S.R. Chakravarty).
- Should Governments Restrict Entry? in B. Dutta, et al.(Eds.)*Economic Theory and Policy*, 1990, Oxford University Press (written with S. Gangopadhaya).
- Measurement of Mobility: An Application to India, in K. Basu and P. Nayak, (Eds.), *Economic Development and Policy*, Oxford University Press, 1992 (written with D.Coondoo).
- Interest, Well-Being and Advantage, in M.K. Rakshit (ed.) *Essays in Honour of T. Majumdar*, Oxford University Press, New Delhi, 1997.
- Fragmented Legislatures and Electoral Systems: The Indian Experience, in S. Kahkonen and A.Lanyi (edited) *Institutions, Incentives and Economic Reforms in India*, Sage Publications, 2000.
- Gender Bias in India, *Journal of Quantitative Economics*, 2002. (written with M.Panda and W.Wadhwa)

- Targeting in the Public Distribution System: The case of Andhra Pradesh and Maharashtra, *Economic and Political Weekly*, 2002.(wriiten with B.Ramawami).
- Reforming Food Subsidy Schemes: Estimating the Gains from Self-Targeting in India, *Review of Development Economics*, 2004. (written with B.Ramaswami).
- Electoral Goals and Center-State Transfers: A Theoretical Model and Empirical Evidence from India, *Journal of Development Economics*, 2009 (with W.Arulampalam, S.Dasgupta and A.Dhillon)
- Child Labor and Household Wealth: Theory and Empirical Evidence of an Inverted U, *Journal of Development Economics*, 2009 (written with Kaushik Basu and Sanghamitra Das).

Books Edited

- *Economic Theory and Policy*, Oxford University Press, (with S. Gangopadhyay, D. Mookherjee and D.Ray).
- *Theoretical Issues in Development Economics*, Oxford University Press, (with S. Gangopadhyay, D. Mookherjee and D.Ray).
- *Welfare Economics*, Oxford University Press.
- *Game Theoretical Applications to Economics and Operations Research*, (with T.Parthasarathy, J.Potters, T.E.S. Raghavan, D.Ray, A.Sen), Kluwer.
- *Networks and Groups: Models of Strategic Formation*, Springer-Verlag, Heidelberg. (with M.Jackson)

Honours, Distinctions

- Fellow, Econometric Society.
- Economic Theory Fellow, Society for Advancement of Economic Theory.
- Winner of Mahalonobis Memorial National Award of the Indian Econometric Society, 1990.
- Member, Council of Econometric Society, 1996-2002.
- Member, Council of Society for Social Choice and Welfare (2005-)
- Chair, Standing Committee for India and South Asia of the Econometric Society, 1995-2002.
- Condorcet Lecture, Society for Social Choice and Welfare, Montreal, 2008.

Consultancies

Consultant for UNDP, ILO, ADB.

Editorial Activities

- (i) Managing Editor, Social Choice and Welfare
- (ii) Advisory Editor, Games and Economic Behaviour

Visiting Appointments

- Visiting Professor, University of California, Davis, Spring Quarter, 1989.
- Visiting Professor, Institute for Economic Analysis, University Autonomia Barcelona, January-March, 1990.
- Visiting Professor, Institute for Economic Analysis, University Autonomia Barcelona, April-June, 1992.
- Visiting Professor, Hitotsubashi University, January-March, 1993.
- Visiting Professor, California Institute of Technology, Spring Quarter, 1996.
- Visiting Professor, Universite Cergy-Pointoise, Paris, May 1997.
- Visiting Professor, University of Graz, June 1997.
- Bank of Vizcaya Bilbao Fellow, Universitat Autonomia de Barcelona, May-June, 1998.
- Visiting Professor, California Institute of Technology, Fall and Winter Quarters, 1998-99.
- Guest Professor, Institute of Economics, University of Copenhagen, April-June 2000.
- Visiting Professor, California Institute of Technology, Fall 2002.
- Distinguished Visiting Professor, Indian Statistical Institute, New Delhi, (2006-)