

BHASKAR DUTTA

Date of Birth : January 10, 1951.

Current Employment : Professor, University of Warwick, (2000-), and Professor, Ashoka University (2014-).

Previous Employment : Professor, Indian Statistical Institute, (1985-2002), Associate Professor, Indian Statistical Institute (1979-1985), Distinguished Visiting Professor, (2006-2014, 6 months a year) Research Associate, Delhi School of Economics (1976-1979), Visiting Professor, Centre for Development Economics, Delhi School of Economics (2002-2005, 6 months a year)

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

Publications

A:Economic Theory

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

11. Further Results on Voting with Veto, in P.K. Pattanaik and M. Salles, (Eds.), *Strategy and Social Choice*, 1983, North Holland.
12. Effectivity Functions and Acceptable Game Forms, *Econometrica*, 1984, Vol. 52.
13. On Enforcing Socially Best Alternatives of Binary Group Decision Rules, *Social Choice and Welfare*, 1985, Vol. 1 (written with P.K. Pattanaik).
14. Ethical Indices of Income Mobility, *Social Choice and Welfare*, 1985, Vol. 2 (written with S.R. Chakravarty and J. Weymark).
15. Exact Choice and Fuzzy Preferences, *Mathematical Social Sciences*, 1986, Vol. 11 (written with P.K. Pattanaik and S. Panda).
16. General, Direct and Self Implementability, *Mathematical Social Sciences*, 1986, Vol. 11 (written with S. Barbera).
17. Fuzzy Preferences and Social Choice, *Mathematical Social Sciences*, 1986, Vol. 13.
18. A Note on Measures of Distance between Income Distributions, *Journal of Economic Theory*, 1987, Vol. 40 (written with S.R. Chakravarty).
19. Covering Sets and Condorcet Choice Functions, *Journal of Economic Theory*, 1988, Vol. 44.
20. A Concept of Egalitarianism under Participation Constraints, *Econometrica*, 1989, Vol. 57 (written with D. Ray).
21. A Consistent Bargaining Set, *Journal of Economic Theory*, 1989, Vol. 49 (written with D. Ray, K. Sengupta, and R. Vohra).
22. The Egalitarian Solution and Reduced Game Properties in Convex Games, *International Journal of Game Theory*, 1990, Vol. 19.
23. A Necessary and Sufficient Condition for Two-Person Nash Implementation, *Review of Economic Studies*, 1991, Vol. 58 (written with A. Sen.)
24. Implementation under Strong Equilibrium, *Journal of Mathematical Economics*, 1991, Vol. 21 (written with A. Sen).
25. Constrained Egalitarian Allocations, *Games and Economic Behavior*, 1992, Vol. 4 (written with D. Ray).
26. Social Welfare and Equality, *Social Choice and Welfare*, 1992, Vol. 9 (written with J.M. Esteban).
27. Noncooperative Bargaining in Characteristic Function Games, *Review of Economic Studies*, 1993, Vol. 60 (written with K. Chatterjee, D. Ray, and K. Sengupta).

28. Implementation of Generalized Condorcet Correspondences through Backward Induction, *Social Choice and Welfare*, 1993, Vol. 10 (written with A. Sen).
29. A Characterization of Egalitarian Equivalence, *Economic Theory*, 1993, Vol. 3 (written with R. Vohra).
30. 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).
31. 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).
32. Bayesian Implementation: On the Necessity of Infinite Mechanisms, *Journal of Economic Theory*, 1995 (written with A. Sen).
33. Protective Behavior in Matching Models, *Games and Economic Behavior*, 1995, Vol.7 (written with S. Barbera).
34. Two Person Bayesian Implementation, *Economic Design*, 1995, Vol.1 (written with A. Sen).
35. Nash Implementation in Economic Environments with Elementary Mechanisms, *Economic Design*, 1995, Vol. 1 (written with A. Sen and R. Vohra).
36. Ranking Opportunity Sets and Arrow Impossibility Theorems: Correspondence Results, *Journal of Economic Theory*, 1996 (written with A. Sen).
37. Reasonable Mechanisms and Nash Implementation, in K.J. Arrow, Amartya Sen and K.Suzumura (edited) *Social Choice Theory Reexamined*, Macmillan, 1997.
38. Stable Mechanisms, *Journal of Economic Theory*, Vol. 76, 1997 (written with S. Mutuswami).
39. Stable Matchings when workers have preferences over Colleagues, *Journal of Economic Theory*, 1997, Vol. 75. (written with J.Masso).
40. Rubinstein Auctions : On Competition for Bargaining Partners, *Games and Economic Behavior*, 1998 (written with K.Chatterjee).
41. Link formation in Cooperative Situations, *International Journal of Game Theory*, 1998 (written with S.Tijs and A.van Noeweland).
42. Comparison Functions and Choice Correspondences, *Social Choice and Welfare*, 1999 (written with J.F. Laslier).

43. Incentive Compatible Reward Schemes for Labour-Managed Firms, *Review of Economic Design*, 2000(written with S.Barbera).
44. The Stability and Efficiency of Directed Communication Networks, *Review of Economic Design*, 2000 (written with M.Jackson).
45. Strategyproofness of Multivalued Social Choice Procedures, *Journal of Economic Theory*, 2001, (written with S. Barbera and Arunava Sen).
46. Strategic Candidacy and Voting Procedures, *Econometrica*, 2001 (written with M.Jackson and M.Le Breton).
47. Strategyproof Probabilistic Mechanisms in Economies with Pure Public Goods, *Journal of Economic Theory*, 2002 (with Hans Peters and Arunava Sen)
48. Voting by Successive Elimination and Strategic Candidacy, *Journal of Economic Theory*, 2002 (with M.Jackson and M.Le Breton).
49. Cost Monotonicity and the Core in Minimum Cost Spanning Tree Games, *Games and Economic Behavior*, 2004 (written with A. Kar).
50. Equilibrium Agenda Formation, *Social Choice and Welfare*, 2004 (written with M.Jackson and M. le Breton).
51. 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).
52. Incomplete Information, Credibility and the Core, *Mathematical Social Sciences*, 2005 (with Rajiv Vohra).
53. Farsighted Network Formation, *Journal of Economic Theory*, 2005 (written with S.Ghosal and D.Ray).
54. Approval Voting: Three Examples, *International Journal of Game Theory*, 2006 (with Francesco De Sinopli and Jean Francois Laslier).
55. Strategy-proof Cardinal Decision Schemes, *Social Choice and Welfare*, 2007 (with H.Peters and A.Sen).
56. 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
57. Communication Networks with Endogenous Link Strength, *Games and Economic Behavior*, 2009 (with Francis Bloch).
58. Local Network Externalities and Market Segmentation, *International Journal of Industrial Organisation*, 2009(with A.Banerji).

59. Correlated Equilibria, Incomplete Information and Coalitional Deviations, *Games and Economic Behavior*, 2009(with Francis Bloch).
60. 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).
61. Externalities, Potential, Value and Consistency, *Journal of Economic Theory*, 2010, (written with Lars Ehlers and Anirban Kar)
62. Minimum Cost Arborescences, *Games and Economic Behavior*, 2012, (written with Debasis Mishra).
63. Nash Implementation with Partially Honest Individuals, *Games and Economic Behavior*, 2012, (written with Arunava Sen).
64. Credibility and Strategic Learning in Networks, 2016, *International Economic Review*, (written with Kalyan Chatterjee).
65. Rational Expectations and Farsighted Stability, 2017 *Theoretical Economics*,(joint with Rajiv Vohra)
66. Efficient Partnership Formation in Networks, 2019, *Theoretical Economics*, (written with Francis Bloch and Mihai Manea)
67. Recent Results on Implementation with Complete Information, in Walter Trockel (edited) *Frontiers of Economic Design*, Springer, 2019.
68. Measurement of Welfare Change, 2019, *Social Choice and Welfare*, (written with Walter Bossert).
69. Coalition Formation and History Dependence, 2020, *Theoretical Economics*, (written with Hannu Vartiainen).
70. A Game of Hide and Seek in Networks, 2020, to be published in *Journal of Economic Theory*, (written with Francis Bloch, Marcin Dziubinski).

B: Development

1. On the Measurement of Poverty in Rural India, *Indian Economic Review*, 1978.
2. Intersectoral Disparities and Levels of Living in India, *Indian Economic Review*, 1980.
3. 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).

4. Subsidy Policies with Capital Accumulation: Maintaining Employment Levels, *Journal of Population Economics*, 1989, Vol. 2 (written with I. Gang and S. Gangopadhyay).
5. Migration and Welfare, *European Journal of Political Economy*, 1990, Vol. 6 (written with S.R. Chakravarty).
6. Should Governments Restrict Entry? in B. Dutta, et al. (Eds.) *Economic Theory and Policy*, 1990, Oxford University Press (written with S. Gangopadhaya).
7. 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).
8. Interest, Well-Being and Advantage, in M.K. Rakshit (ed.) *Essays in Honour of T. Majumdar*, Oxford University Press, New Delhi, 1997.
9. 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.
10. Gender Bias in India, *Journal of Quantitative Economics*, 2002. (written with M.Panda and W.Wadhwa)
11. Targeting and Efficiency in the Public Distribution System, *Economic and Political Weekly*, Vol. XXXVI, 2001.(written with B.Ramawami).
12. Poverty, Inequality and Welfare, in K.J. Arrow, Amartya Sen and K.Suzumura (edited) *Handbook of Social Choice Theory*, 2003, North Holland.
13. Reforming Food Subsidy Schemes: Estimating the Gains from Self-Targeting in India, *Review of Development Economics*, 2004. (written with B.Ramaswami).
14. The Fragmented Lok Sabha : A Case for Electoral Engineering, *Economic and Political Weekly*, Vol. XLIV, 2009.
15. 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)
16. 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).
17. How do Voters Respond to Candidates with Criminal Charges: The Indian Experience, *Economic and Political Weekly*, Vol. XLIX, 2014. (written jointly with P. Gupta).
18. Growth, Inequality and Welfare in India : 2004-05 to 2011-12, *Economic and Political Weekly*, Vol. XLIX, 2014 (written jointly with Manoj Panda).

19. Measurement of Multi-dimensional Poverty : Some Comments, in Ajit Mishra and Tridip Ray (edited) *Markets, Governance and Institutions in the Process of Economic Development*, 2017, Oxford.

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

- President, Society for Social Choice and Welfare (2014-2016)
- Fellow, Econometric Society.
- Economic Theory Fellow, Society for Advancement of Economic Theory.
- Fellow, Game Theory Society.
- Member, Council of Game Theory Society (2013-19)
- 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.
- A.L. Nagar Senior Fellow of the Indian Econometric Society, 2016

Consultancies

Consultant for UNDP, ILO, ADB, World Bank.

Editorial Activities

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

Other Activities

Regular Columnist for *The Telegraph* and *Indian Express*..

Visiting Appointments

- Visiting Professor, University of California, Davis, Spring Quarter, 1989.
- Visiting Professor, Institute for Economic Analysis, University Autònoma Barcelona, January-March, 1990.
- Visiting Professor, Institute for Economic Analysis, University Autònoma Barcelona, April-June, 1992.
- Visiting Professor, Hitotsubashi University, January-March, 1993.
- Visiting Professor, California Institute of Technology, Spring Quarter, 1996.
- Visiting Professor, Université Cergy-Pointoise, Paris, May 1997.
- Visiting Professor, University of Graz, June 1997.
- Bank of Vizcaya Bilbao Fellow, Universitat Autònoma 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.
- Visiting Professor, Centre for Development Economics, University of Delhi, 2002-2006.
- Distinguished Visiting Professor, Indian Statistical Institute, New Delhi. (2006-2014).