

## BHASKAR DUTTA

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**Date of Birth** : January 10, 1951.

**Current Employment** : Professor, University of Warwick, (2000- ), Distinguished University Professor of Economics, Ashoka University (2022-)

**Previous Employment** : Professor, Ashoka University, (2014-2022), 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. Attack and interception in networks, to appear in *Theoretical Economics* (written with Francis Bloch and Kalyan Chatterjee)
2. Strategy-proof club formation with indivisible club facilities, 2022, *Review of Economic Design*, (written with A.Kar and J.Weymark).
3. A Game of Hide and Seek in Networks, 2020, *Journal of Economic Theory*, (written with F. Bloch, M. Dziubinski).
4. Coalition Formation and History Dependence, 2020, *Theoretical Economics*, (written with H. Vartiainen).
5. Measurement of Welfare Change, 2019, *Social Choice and Welfare*, (written with W. Bossert).
6. Efficient Partnership Formation in Networks, 2019, *Theoretical Economics*, (written with F. Bloch and M.Manea)
7. Recent Results on Implementation with Complete Information, in Walter Trockel (edited ) *Frontiers of Economic Design*, Springer, 2019.
8. Rational Expectations and Farsighted Stability, 2017 *Theoretical Economics*,(joint with R. Vohra)
9. Credibility and Strategic Learning in Networks, 2016, *International Economic Review*, (written with K. Chatterjee).
10. Minimum Cost Arborescences, *Games and Economic Behavior*, 2012, (written with D. Mishra).

11. Nash Implementation with Partially Honest Individuals, *Games and Economic Behavior*, 2012, (written with A. Sen).
12. Formation of Networks and Coalitions, in J. Benhabib, M. Jackson and A. Bisin (ed.) *Handbook of Social Economics*, North-Holland, 2011, (written with F. Bloch).
13. Externalities, Potential, Value and Consistency, *Journal of Economic Theory*, 2010, (written with L. Ehlers and A. Kar)
14. Communication Networks with Endogenous Link Strength, *Games and Economic Behavior*, 2009 (with F. Bloch).
15. Local Network Externalities and Market Segmentation, *International Journal of Industrial Organisation*, 2009 (with A. Banerji).
16. Correlated Equilibria, Incomplete Information and Coalitional Deviations, *Games and Economic Behavior*, 2009 (with Francis Bloch).
17. 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
18. Strategy-proof Cardinal Decision Schemes, *Social Choice and Welfare*, 2007 (with H. Peters and A. Sen).
19. Approval Voting: Three Examples, *International Journal of Game Theory*, 2006 (with Francesco De Sinopli and Jean Francois Laslier).
20. Incomplete Information, Credibility and the Core, *Mathematical Social Sciences*, 2005 (with Rajiv Vohra).
21. Farsighted Network Formation, *Journal of Economic Theory*, 2005 (written with S. Ghosal and D. Ray).
22. Cost Monotonicity and the Core in Minimum Cost Spanning Tree Games, *Games and Economic Behavior*, 2004 (written with A. Kar).
23. Equilibrium Agenda Formation, *Social Choice and Welfare*, 2004 (written with M. Jackson and M. le Breton).
24. 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).
25. Poverty, Inequality and Welfare, in K.J. Arrow, Amartya Sen and K. Suzumura (edited) *Handbook of Social Choice Theory*, 2003, North Holland.
26. Strategyproof Probabilistic Mechanisms in Economies with Pure Public Goods, *Journal of Economic Theory*, 2002 (with Hans Peters and Arunava Sen)

27. Voting by Successive Elimination and Strategic Candidacy, *Journal of Economic Theory*, 2002 (with M.Jackson and M.Le Breton).
28. Strategyproofness of Multivalued Social Choice Procedures, *Journal of Economic Theory*, 2001, (written with S. Barbera and Arunava Sen).
29. Strategic Candidacy and Voting Procedures, *Econometrica*, 2001 (written with M.Jackson and M.Le Breton).
30. Incentive Compatible Reward Schemes for Labour-Managed Firms, *Review of Economic Design*, 2000(written with S.Barbera).
31. The Stability and Efficiency of Directed Communication Networks, *Review of Economic Design*, 2000 (written with M.Jackson).
32. Comparison Functions and Choice Correspondences, *Social Choice and Welfare*,1999 (written with J.F. Laslier).
33. Rubinstein Auctions : On Competition for Bargaining Partners, *Games and Economic Behavior*, 1998 (written with K.Chatterjee).
34. Link formation in Cooperative Situations, *International Journal of Game Theory*, 1998 (written with S.Tijs and A.van Noeweland).
35. Stable Matchings when workers have preferences over Colleagues, *Journal of Economic Theory*, 1997, Vol. 75. (written with J.Masso).
36. Reasonable Mechanisms and Nash Implementation, in K.J. Arrow, Amartya Sen and K.Suzumura (edited) *Social Choice Theory Reexamined*, Macmillan, 1997.
37. Stable Mechanisms,*Journal of Economic Theory*, Vol. 76, 1997 (written with S. Mutuswami).
38. Ranking Opportunity Sets and Arrow Impossibility Theorems: Correspondence Results, *Journal of Economic Theory*, 1996 (written with A. Sen).
39. Bayesian Implementation: On the Necessity of Infinite Mechanisms, *Journal of Economic Theory*, 1995 (written with A. Sen).
40. Protective Behavior in Matching Models, *Games and Economic Behavior*, 1995, Vol.7 (written with S. Barbera).
41. Two Person Bayesian Implementation, *Economic Design*, 1995, Vol.1 (written with A. Sen).
42. Nash Implementation in Economic Environments with Elementary Mechanisms, *Economic Design*, 1995, Vol. 1 (written with A. Sen and R. Vohra).

43. Noncooperative Bargaining in Characteristic Function Games, *Review of Economic Studies*, 1993, Vol. 60 (written with K. Chatterjee, D. Ray, and K. Sengupta).
44. Implementation of Generalized Condorcet Correspondences through Backward Induction, *Social Choice and Welfare*, 1993, Vol. 10 (written with A. Sen).
45. A Characterization of Egalitarian Equivalence, *Economic Theory*, 1993, Vol. 3 (written with R. Vohra).
46. 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).
47. 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).
48. Constrained Egalitarian Allocations, *Games and Economic Behavior*, 1992, Vol. 4 (written with D. Ray).
49. Social Welfare and Equality, *Social Choice and Welfare*, 1992, Vol. 9 (written with J.M. Esteban).
50. A Necessary and Sufficient Condition for Two-Person Nash Implementation, *Review of Economic Studies*, 1991, Vol. 58 (written with A. Sen.)
51. Implementation under Strong Equilibrium, *Journal of Mathematical Economics*, 1991, Vol. 21 (written with A. Sen).
52. The Egalitarian Solution and Reduced Game Properties in Convex Games, *International Journal of Game Theory*, 1990, Vol. 19.
53. A Concept of Egalitarianism under Participation Constraints, *Econometrica*, 1989, Vol. 57 (written with D. Ray).
54. A Consistent Bargaining Set, *Journal of Economic Theory*, 1989, Vol. 49 (written with D. Ray, K. Sengupta, and R. Vohra).
55. Covering Sets and Condorcet Choice Functions, *Journal of Economic Theory*, 1988, Vol. 44.
56. A Note on Measures of Distance between Income Distributions, *Journal of Economic Theory*, 1987, Vol. 40 (written with S.R. Chakravarty).
57. Exact Choice and Fuzzy Preferences, *Mathematical Social Sciences*, 1986, Vol. 11 (written with P.K. Pattanaik and S. Panda).

58. General, Direct and Self Implementability, *Mathematical Social Sciences*, 1986, Vol. 11 (written with S. Barbera).
59. Fuzzy Preferences and Social Choice, *Mathematical Social Sciences*, 1986, Vol. 13.
60. On Enforcing Socially Best Alternatives of Binary Group Decision Rules, *Social Choice and Welfare*, 1985, Vol. 1 (written with P.K. Pattanaik).
61. Ethical Indices of Income Mobility, *Social Choice and Welfare*, 1985, Vol. 2 (written with S.R. Chakravarty and J. Weymark).
62. Effectivity Functions and Acceptable Game Forms, *Econometrica*, 1984, Vol. 52.
63. Further Results on Voting with Veto, in P.K. Pattanaik and M. Salles, (Eds.), *Strategy and Social Choice*, 1983, North Holland.
64. Restricted Preferences and Strategy Proofness of Single Valued Social Decision Functions, *Mathematical Social Sciences*, 1982, Vol. 2.
65. Implementability via Protective Equilibria, *Journal of Mathematical Economics*, 1982, Vol. 10 (written with S. Barbera).
66. Individual Strategy and Manipulation of Issues, *Mathematical Social Sciences*, 1981, Vol. 1.
67. Multivalued Social Functions and Strategic Manipulation with counterthreats, *Mathematical Social Sciences*, 1981, Vol. 2.
68. Strategic Voting in a Probabilistic Framework, *Econometrica*, 1980, Vol. 48.
69. On the Possibility of Consistent Decision Procedures, *Review of Economic Studies*, 1980, Vol. 47.
70. A Condition for Nash Stability under Binary and Democratic Group Decision Functions, *Theory and Decision*, 1979, Vol. 10 (written with M. Sengupta).
71. On Nicely Consistent Voting Systems, *Econometrica*, 1978, Vol. 46 (written with P.K. Pattanaik).
72. Strategic Manipulation of Issues in Group Decision Making, in P.K. Pattanaik, *Strategy and Group Choice*, 1978, North Holland, (written with P.K. Pattanaik).
73. Existence of Stable Situations, Restricted Preferences and Strategic Manipulation under Democratic Group Decision Rules, *Journal of Economic Theory*, 1977, Vol. 15.

## **B: Development**

1. A Note on Evaluating Growth Processes, in K. Basu et al (edited) *Development, Distribution and Markets*, 2022.
2. 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.
3. How do Voters Respond to Candidates with Criminal Charges: The Indian Experience, *Economic and Political Weekly*, Vol. XLIX, 2014. (written jointly with P. Gupta).
4. The Fragmented Lok Sabha : A Case for Electoral Engineering, *Economic and Political Weekly*, Vol. XLIV, 2009.
5. 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)
6. 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).
7. Growth, Inequality and Welfare in India : 2004-05 to 2011-12, *Economic and Political Weekly*, Vol. XLIX, 2014 (written jointly with Manoj Panda).
8. Reforming Food Subsidy Schemes: Estimating the Gains from Self-Targeting in India, *Review of Development Economics*, 2004. (written with B.Ramaswami).
9. Gender Bias in India, *Journal of Quantitative Economics*, 2002. (written with M.Panda and W.Wadhwa)
10. Targeting and Efficiency in the Public Distribution System, *Economic and Political Weekly*, Vol. XXXVI, 2001.(written with B.Ramawami).
11. 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.
12. Interest, Well-Being and Advantage, in M.K. Rakshit (ed.) *Essays in Honour of T. Majumdar*, Oxford University Press, New Delhi, 1997.
13. 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).
14. Migration and Welfare, *European Journal of Political Economy*, 1990, Vol. 6 (written with S.R. Chakravarty).

15. Should Governments Restrict Entry? in B. Dutta, et al.( Eds.)*Economic Theory and Policy*, 1990, Oxford University Press (written with S. Gangopadhaya).
16. 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).
17. Intersectoral Disparities and Levels of Living in India, *Indian Economic Review*, 1980.
18. On the Measurement of Poverty in Rural India, *Indian Economic Review*, 1978.

### **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.
- *New and Enduring Themes in Development Economics*, (with T.Ray and E. Somanathan), World Scientific Publishers, 2009.
- *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 (2012-2020)
- (ii) Advisory Editor, Games and Economic Behaviour (2008-)

### **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).