

## SNEHAMAY BANERJEE

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### EDUCATION

- 1985 - 89      *University of Maryland at College Park:*    *Ph. D.* from the College of Business with double major in Information Systems and Operations Research.
- 1984 - 85      *University of Maryland at College Park:*      *M. S.* in Information Systems.
- 1982 - 83      *Case Western Reserve University, Cleveland:*    *M. S.* in Operations Research.
- 1974 - 76      *Indian Institute of Technology, India:*      *M. Tech.* in Industrial Engineering.
- 1969 - 74      *Indian Institute of Technology, India:*      *B. Tech.* in Mechanical Engineering.

### WORK EXPERIENCE

- Sept. 2001 -      *Rutgers University, Camden, NJ 08102*  
Present            *Associate Professor (& Area Coordinator since Sept. 2003)*
- July. 2000 -      *Hong Kong University of Science & Technology, Kowloon, H. K.*  
Aug. 2001        *Visiting Scholar, ISMT*
- Sept. 1998 -      *Rutgers University, Camden, NJ 08102*  
July 2000        *Associate Professor of MIS & Assoc. Prof. of Computer Science*
- Sept. 1995 -      *College of Business, Clark Atlanta University, Atlanta*  
Aug 1998        *Associate Professor of Decision Sciences*  
Also, worked on Department of Defense funded research project on Electronic Commerce /EDI (run jointly with Ga. Tech.), and as a Technical Consultant for Atlanta Electronic Commerce Resource Center.
- Sept. 1988 -      *College of Business, Drexel University, Philadelphia*  
Aug. 1995        *Assistant Professor of Decision Sciences (Promoted to Associate Professor and Tenured in 1995).*  
Teaching assignments included *Systems Analysis & Design, Physical and Logical Database Design, Expert Systems, Decision Support Systems,* and *Operations Research* for undergraduate, MBA and Ph. D. students. Chaired two doctoral dissertations.
- Sept. 1985 -      *School of Business, Loyola College, Baltimore*  
Aug. 1988        *Assistant Professor of Decision Sciences*
- Jan. 1984 -      *College of Business, University of Maryland, College Park*  
Dec. 1985        *Assistant Instructor*
- Aug. 1982 -      *Case Western Reserve University, Cleveland*  
Dec. 1984        *Research Assistant*

Mar. 1981 - **Larsen & Toubro Group of Companies, India**  
 Jul. 1982 **Project Engineer.** Responsible for sales, and execution of industrial projects.

Jul. 1980 - **Hitachi Limited, Japan**  
 Feb. 1981 **Visiting Scholar** on engineering fellowship sponsored by MITI (Japan).

Jun. 1977 - **Larsen and Toubro Group of Companies, India**  
 Jul. 1980 **Executive Assistant to General Manager.**

Aug. 1976 - **Indian Institute of Management, Calcutta**  
 Jun. 1977 **Lecturer (Research Fellow)**

### **JOURNAL PUBLICATIONS:**

1. Sambharya, R., Kumarswamy, A., Banerjee, S., "Information Technologies and the Future of the Multinational Enterprise", *Journal of International management*, Vol. 11, 2005, pp. 143 – 161.
- 2.
3. Subrahmanyam, V., Pandit, G., Banerjee, S., Saxena, A., "Investment in Technology in Minority And Women Owned Businesses," *The Southern Business and Economic Journal*, Dec. 2004
4. Kumar, R, mith, M., and Banerjee, S., "User Interface Features Influencing Overall Ease of Use and Personalization," *Information and Management* , Vol. 41, 2004, pp. 289-302.
5. Banerjee, S., and Kumar, R., "A Framework for Managing Electronic Business Document Interchange," *Communications of the ACM*, Vol. 45, No. 7, 2002, pp. 96-102.
6. Mallya, S., Banerjee, S., and Bistline, W., "A Decision Support System for Production/ Distribution Planning in Continuous Manufacturing," *Decision Sciences*, Vol. 32, No. 3, 2001, pp. 545 – 556.
7. Banerjee, S., Banerjee, A., Burton, J., and Bistline, W., "The Impact of Controlled Partial Shipments in a Multiple Buyers, Single Vendor Supply Chain Network", *International Journal of Production Economics*, Vol. 71, 2001, pp. 91 – 100.
8. Bistline, W., Banerjee, S. and Banerjee, A., "RTSS: An Interactive Decision Support System for Solving Real Time Scheduling Problems Considering Customer and Job Priorities with Schedule Interruptions," *Computers & Operations Research*, Vol. 25, No. 11, 1998, pp. 981 - 995.
9. Sriram, V., Stump, R. and Banerjee, S., "Information Technology Investments in Purchasing: An Empirical Study of Dimensions and Antecedents," *Information and Management*, Vol.33, 1997, pp. 59 - 72.
10. Banerjee, A. Burton, J. and Banerjee, S., "A Simulation Study of Heuristic Production Triggering Mechanisms Under Discrete Unequal Inventory Withdrawals," *International Journal of Production Economics*, Vol. 26, 1996, pp. 83-90.

11. Tavana, M. and Banerjee, S., "Strategic Assessment Model (SAM): A Multiple Criteria Decision Support System for Evaluation of Strategic Alternatives," *Decision Sciences*, Vol. 26, No. 1, 1995, pp. 119-143.
12. Tavana, M., and Banerjee, S. "Evaluating Strategic Alternatives: An Analytical Model," *Computers and Operations Research*, Vol. 25, No. 7, 1995, pp. 731
13. Banerjee, S., and Sriram, V., "The Impact of Electronic Data Interchange on Purchasing: An Empirical Investigation," *International Journal of Operations and Production Management*, Vol. 15, No. 3, 1995, pp. 29-38.
14. Joglekar, P.; Tavana, M. and Banerjee, S., "A Clustering Algorithm to Identify Information Subsystems," *Journal of International Information Management*, Vol. 3, Fall 1994, pp. 129-141.
15. Tavana, M. and Banerjee, S., "A Case Study in Multiple Criteria Decision Support System," *Journal of International Information Management*, Vol. 3, Fall 1994, pp. 41-70.
16. Banerjee, A., and Banerjee, S., "A Coordinated Order-Up-To Inventory Policy for a Single Supplier Multiple Buyers Using Electronic Data Interchange," *International Journal of Production Economics*, Vol. 35, 1994, pp. 85-91.
17. Igarria, M., and Banerjee, S., "Computer Capacity Planning Management: Definitions and Methodology," *Journal of Information Technology*, Vol. 9, 1994, pp. 213-221.
18. Sriram, V., and Banerjee, S., "Electronic Data Interchange: Does it Change Purchasing Policies and Procedures," *International Journal of Purchasing and Materials Management*, Vol. 30, No. 1, 1994, pp. 30-40.
19. Banerjee, S. and Golhar, D. Y., "Characteristics Differentiating Users and Non-users of EDI," *Information and Management*, Vol. 26, No.2, 1994, pp. 65-74.
20. Banerjee, S., and Golhar, D. Y., "Security Issues in EDI Environment," *International Journal of Operations and Production Management*, Vol. 14, No. 4, 1994, pp. 97-108 (Also reprinted in *Information Management and Computer Security*, Vol. 3, No. 2, 1995, pp. 27-33.).
21. Banerjee, S., Igarria, M. and Mizia, R., "Request for Proposal: An Empirical Study About its Practicality and Usefulness," *The Journal of Computer Information Systems*, Vol. 34, No. 3, Spring 1994, pp. 55-60.
22. Golhar, D. Y., Stamm, C. L., and Banerjee, S., "Just-In-Time Purchasing: An Empirical Investigation," *Production Planning & Control*, Vol. 4, No. 4, 1993, pp. 392-398.
23. Banerjee, S., and Golhar, D. Y., "EDI Implementation in JIT and Non-JIT Manufacturing Firms: A Comparative Study," *International Journal of Operations and Production Management*, Vol.13, No. 3, 1993, pp. 25-37. (Also reprinted in *International Journal of Physical Distribution and Logistics Management*, Vol. 23, No. 7, 1993, pp. 22-31.)

24. Banerjee, S., and Igbaria, M., "An Empirical Study of Computer Capacity Planning at US Universities," *Information and Management*, Vol. 24, 1993, pp. 171-182.
25. Banerjee, S and Basu, A., "Model Type Selection in an Integrated DSS Environment" *Decision Support Systems*, Vol. 9, No. 1, 1993, pp. 75-89.
26. Banerjee, A., and Banerjee, S. "Coordinated, Orderless Inventory Replenishment for a Single Supplier and Multiple Buyers Through Electronic data Interchange", *International Journal of Technology Management*, Vol. 7, Nos. 4/5, 1992, pp. 328-336.
27. Arinze, B. and Banerjee, S., "A Framework for Effective Data Collection, Usage, and Maintenance for Decision Support Systems", *Information and Management*, Vol. 22, September 1992, pp. 257-268.

#### **REFEREED CONFERENCE PROCEEDINGS:**

- Banerjee, S. and Golhar, D. Y., "A Role of B2B in the Supply Chain", Forthcoming in the *Proceedings of the International Conference in Information Technology (CIT 2003)* held in Bhubaneswar, India in December 2003.
- Banerjee, S., Bistline, W., and Mallya, S., "A Purchasing Decision Support System for Jointly Constrained Items with All-Units Discount in Sole Sourcing Environment", *Proceedings of the 32nd National D.S.I. Conference*, San Francisco, November 2001.
- Banerjee, A., Burton, J. and Banerjee, S., "Supply Chain Retail Inventory Redistribution: A Simulation Study," *Proceedings of the 32nd National D.S.I. Conference*, San Francisco, November 2001.
- Bistline, W., Banerjee, S., Banerjee, A. and Burton, J., "A Web-Based Multidisciplinary Decision Support Student Experience," *Proceedings of the 29th National D.S.I. Conference*, New Orleans, November 1999, pp. 206-208.
- Kumar, R., Banerjee, S., "A Framework for Managing VAN and Internet EDI Portfolios," *Proceedings of the 29th National D.S.I. Conference*, New Orleans, November 1999, pp. 575-577 .
- Banerjee, A., Banerjee, S., Burton, J., and Bistline, W., "A Simulation Study of Controlled Partial Shipments in Two-Echelon Arborescent Supply Chain Networks" *Proceedings of the International D.S.I. Conference*, Athens, Greece, July 1999, pp. 964-966.
- Banerjee, S., Bistline, W., and Banerjee, A., "A Decision Support System for Job Shop Scheduling With Risk Weighted Job Priorities," *Proceedings of the 28th National D.S.I. Conference*, Las Vegas, November 1998, pp. 789-791
- Banerjee, S., and Bistline, W., "Acceptance of Value Added Networks for Electronic Data Interchange," *Proceedings of the North East D.S.I. Conference*, Boston, April, 1998, pp. 151 - 153.

- Pyreddy, V., Banerjee, A., Bistline, W., Banerjee, S., and Mallya, S., "Multi Product Lot Streaming in Multiple Machine Flow Shops," *Proceedings of the 27th National D.S.I. Conference*, San Diego, November 1997.
- Banerjee, S., Subrhamaniam, V. and Bose, U., "Computerization in Small Businesses: An Analysis of the State-of-the-Art," *Proceedings of the 27th National D.S.I. Conference*, San Diego, November 1997, pp. 565 - 567.
- Banerjee, S. "Information Technology in Manufacturing Industry: Its Use and Impact" , *Proceedings of the 26th National D.S.I. Conference*, Orlando, November 1996, pp. 880-882.
- Bistline, William G., Banerjee, S. and Banerjee, A., "Risk Weighting in Real Time Dynamic Job Shop Scheduling," *Proceedings of the North East D.S.I. Conference*, Virgin Islands, April, 1996, pp. 450 - 452.
- Bistline, William G., Banerjee, S. and Banerjee, A., "Real Time Scheduling System (RTSS): An OR/ES Approach to Dynamic Job Shop Scheduling," *Proceedings of the 25th National D.S.I. Conference*, Boston, November 1995, pp. 1265-1267.
- Bistline, William G., Banerjee, S. and Banerjee, A., "A Real Time Dynamic Job Shop Scheduling System," *Proceedings of the North East D.S.I. Conference*, Providence, March, 1995, pp. 438 - 440.
- Banerjee, A., and Banerjee, S., "Common Delivery Cycle Inventory Replenishment for a Vendor and Multiple Buyers Through Electronic Data Interchange," *Proceedings of the 24th National D.S.I. Conference*, Hawaii, November 1994.
- Banerjee, A., and Banerjee, S., "An EDI Based Multi product Inventory Model for a Single Vendor and Multiple Customers," *Proceedings of the Ninth International Conference on CAD/CAM, Robotics, and Factories of the Future*, New Delhi, India, December 1993, pp. 541-546.
- Banerjee, S., and Sriram, V., "Impact of Information Technology on Purchasing" Forthcoming in the *Proceedings of the International Conference on CAD/CAM, Robotics, and Factories of the Future*, New Delhi, India, December 1993.
- Bose, R. and Banerjee, S., "A Knowledge Based Framework for Selecting Forecasting models," *Proceedings of the 24th National D.S.I. Conference*, Washington D. C., November 1993, pp. 711-713.
- Banerjee, S., Burton, J., and Arinze, B., "A Decision Support System for Multiple-Instrument Marketing Decisions," *Proceedings of the 24th National D.S.I. Conference*, Washington D. C., November 1993, pp. 657-659.
- Sriram, V. and Banerjee, S., "Marketing Strategies in Developing Countries: A Study of U.S. Exporters," *Proceedings of Fourth International Conference on Marketing and Development*, San Jose, Costa Rica, January 1993, pp. 44-51.

- Tavana, M., Joglekar, P. and Banerjee, S., "A Clustering Algorithm to Identify Information Subsystems," *Proceedings of the Third Annual Conference of the International Information Management Association*, San Bernardino, CA, October 7 - 9, 1992.
- Banerjee, S. and Golhar, D. Y., "Impact of Electronic Data Interchange on JIT Environment," *Proceedings of the 23rd National D.S.I. Conference*, San Francisco, CA, November 1992, pp. 943-945.
- Banerjee, A., and Banerjee, S., "Orderless Inventory Control via Electronic Data Interchange for a Manufacturer and Multiple Customers," *Proceedings of the International Conference on Inventory Policies*, Budapest, August 1992.
- Banerjee, S. and Golhar, D. Y., "Security Issues in Electronic Data Interchange," *Proceedings of the IFIP 12th World Computer Congress*, Madrid, Spain, Sept. 1992, pp. 457-463.
- Kim, S. L., Arinze, B., and Banerjee, S. "An Experts Systems Approach to Setup Reduction," *Proceedings of the Sixth International Conference on CAD/CAM, Robotics, and Factories of the Future*, London, August 1991, pp.453-457.
- Banerjee, S and Banerjee, A. "Role of Electronic Data Interchange on Inventory Management", *Proceedings of the Sixth International Conference on CAD/CAM, Robotics, and Factories of the Future*, London, August 1991, pp. 594-599.
- Tavana, M. and Banerjee, S. "Strategic Assessment Model", *Proceedings of the First International Conference of the Decision sciences Institute*, Brussels, June 1991, pp. 281-284.
- Banerjee, A. and Banerjee, S. "The Impact of Electronic Data Interchange on Inventory Replenishment for a Single Item, Single Supplier, Multiple Buyer System", *Proceedings of the Sixth International Conference of Operations Management Association - UK*, Birmingham, June 1991, pp. 43-47.
- Banerjee, S. and Basu, A. "A Knowledge Based Framework for Selecting Management Science Models", *Proceedings of the 23rd Hawaii International Conference on Systems Sciences*, Jan 1990, pp. 484-493.
- Banerjee, S. and Arinze, B. "An Expert Systems Approach for Selecting Facilities Layout Planning Model", *Proceedings of the 20th National D.S.I. Conference*, November 1989, pp. 227-229.
- Banerjee, S. "A Framework for Information Systems Development to Support Corporate Strategy", *Proceedings of the 20th National D.S.I. Conference*, November 1989.
- Arinze, B., Banerjee, S. and, Sylla, C. "A Methodology for Knowledge Based decision Support for Facilities Layout Planning", *Proceedings of the 11th Computers and Industrial Engineering Conference*, March 1989, pp. 31-36.
- Bandyopadhyay, S. and Hevner, A. R., "A Box Structured Methodology for Solving Business Problems," *Proceedings of the 21st Hawaii International Conference on Systems Sciences*, Jan 1988, pp. 387-395.

## OTHERS

- \* President elect, 2008 – 09 of North-East Decision Sciences Institute.
- \* Program Chair for 2008 NEDSI annual conference, March 2008 in Brooklyn, NY
- \* Track Chair for International DSI, 2009 to be held at Nancy, France
- \* Treasurer, NEDSI 2005 – 07.
- \* Member of University Senate 2003 – 05.
- \* Research grant from IBM-Turkey for studying the adoption of IT by small businesses in Turkey
- \* Invited to speak at many national and regional organizations e.g., National Organization of Minority Architects, National Business League, National Association of Minority Technical Assistance Center etc. on use and implementation of EDI.
- \* Invited to speak at the “EDI 2000” conference, a national conference of EDI users and data processing managers from the industry to be held at Philadelphia during December 8-9, 1994.
- \* Member of the program committee for the Workshop on Information Technology and Systems to be held at Orlando during December 1993.
- \* Invited to deliver the key note address for the Fall 1992 meeting of the EDI Roundtable of the Delaware Valley. This is an organization of the senior managers from the companies that are involved in electronic commerce.
- \* Member of Beta Gamma Sigma, and Omega Rho honor societies.
- \* One of the four Individuals in India selected for an engineering fellowship jointly sponsored by Japan (MITI) and India.
- \* Awarded First prize in All India Design Competition for Engineering Students in Mechanical Engineering Group by Institute of Engineers (India). This is a national competition among engineering students.
- \* Awarded National Science Talent Search Scholarship by Govt. of India. This is awarded to top 250 high school graduates in the nation for the year.