SANJEEV KUMAR

Technology & Operations, Ross School of Business
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EDUCATION

- **University of Michigan, Stephen M. Ross School of Business**   2009
  PhD, Business Information Technology

- **Indian Institute of Management (IIM), Ahmedabad, India**   2000
  Post-Graduate Diploma in Management (MBA)

- **Indian Institute of Technology (IIT), Kharagpur, India**   1997
  B. Tech (Hons), Mechanical Engineering

ACADEMIC AND PROFESSIONAL EXPERIENCE

- Ross School of Business, University of Michigan, Ann Arbor   2015 - Present
  Lecturer, Technology and Operations

- Lubar School of Business, Univ. of Wisconsin Milwaukee   2008 - 2015
  Assistant Professor, Information Technology Management

- KMPG Consulting, New Delhi, India   2003 - 2003
  Business Consultant

- Andersen Business Consulting, New Delhi, India   2000 – 2003
  Business Consultant

- Tata Technologies / Tata Motors, Pune, India   1997 – 1998
  Systems Officer

AWARDS AND HONORS

- **Certificate in Online and Blended Teaching** by Center for Excellence in Teaching
  and Learning at Univ. of Wisconsin Milwaukee, Apr 2016

- **Gold Star Teaching Award 2015** at the Lubar School of Business, Univ. of Wisconsin Milwaukee for the course BUS ADM 533: IT Infrastructure for Business, Spring 2015, Teaching Evaluation: 4.9

- **Gold Star Teaching Award 2013** at the Lubar School of Business, Univ. of Wisconsin Milwaukee for the course BUS ADM 533: IT Infrastructure for Business, Fall 2013, Teaching Evaluation: 4.9.

- **Gold Star Teaching Award 2010** at the Lubar School of Business, Univ. of Wisconsin Milwaukee for the course BUS ADM 810: Development of Web Based Applications, Fall 2010, Teaching Evaluation: 4.94.

- **Gold Star Teaching Award 2009** at the Lubar School of Business, Univ. of Wisconsin Milwaukee for the course BUS ADM 740 – Management Information Systems Concepts and Languages, Spring 2009, Teaching Evaluation: 5.00.

- **Best Paper Award Nomination** at the International Conference on Information Systems (ICIS) 2007 for the paper:
  "SOA and Information Sharing in Supply Chain: 'How' Information is Shared Matters!", Sanjeev Kumar, Vijay Dakshinamoorthy and M. S. Krishnan.

- **Best Student Authored Paper Award** at the INFORMS Annual Conference on Information Systems and Technologies (CIST) 2007 for the paper:
  "Impact of SOA Use on Performance Outcomes of Information Sharing in Supply Chain", Sanjeev Kumar, Vijay Dakshinamoorthy and M. S. Krishnan.

- **Best Paper Award Nomination** at the Hawaii International Conference on System Sciences (HICSS) 2007 for the paper:
  "Does SOA Improve the Supply Chain? An Empirical Analysis of SOA Adoption on Electronic Supply Chain Performance", Sanjeev Kumar, Vijay Dakshinamoorthy and M.S. Krishnan.

- **Gerald and Lillian Dykstra Fellowship** 2006 - 2007, Ross School of Business, Univ. of Michigan for exceptional research and teaching performance in the PhD program based partly on teaching the course BIT 311 - Decision Making with Spreadsheets, Spring 2006, Teaching Evaluation: 5.00

- **Thomas William Leabo Memorial Award** 2005 - 2006, Ross School of Business, University of Michigan for exceptional research and coursework performance during first two years of the Ph.D. program based partly on maintaining one of the highest GPA among the PhD cohort in the school.

- **National Talent Search (NTS) Scholarship**, National Council of Educational Research and Training, India. 1993 - 1997.

- **State Merit List**, Ministry of Education, Bihar, India, 1991. Included in the state merit list of top 25 students in the state wide high school examination.

TEACHING EXPERIENCE

1. **Univ. of Michigan, Ann Arbor : Regular Curriculum**

   - TO300 – Business Information Systems
   - TO404 – Big Data Manipulation and Visualization
   - TO411 – Decision Support with Excel
   - TO414 – Advanced Analytics
   - TO426 – Mobile Innovation Development
   - TO433 – Artificial Intelligence for Business
   - TO450 – Business Intelligence and Data Visualization
   - TO567 – Data Mining, 1.5 Credits
   - TO626 – Mobile Innovation Development, 2.25 Credits
   - TO628 – Advanced Big Data Analytics
   - TO633 – Artificial Intelligence for Business
   - TO/STRAT 630, WMBA 621 – New Age of Innovation
   - EMBA 610: Managerial Big Data Analytics
   - BIT 311 - Decision Making with Spreadsheets
   - MBAN501 – Software Projects and Team Management
   - MBAN555 – Data Architecture and Retrieval
   - MBAN556 – Unsupervised Learning
   - MBAN Consulting Studio Projects

2. **University of Michigan : Executive Education**

   - Saudi Telecom High Potential Program, Jan 2021
   - ICBC Residential Program, June 2020
   - ICBC Bank SmartBanking Program, Faculty Director, Nov 2018
   - Saudi Telecom Emerging Leaders Program, Nov 2018
   - Bank of America ODP Program, Oct 2018
   - Auto EDP Joint Institute Program, Oct 2018
   - ICBC Residential Program, May 2018
   - ICBC FinTech Program, Oct 2017

3. **University of Wisconsin – Milwaukee**

   - BUS 335 - Visual Systems Development
   - BUS 810: Development of Web Based Applications
   - BUS 533 – IT Infrastructure for Business

- BUS 740 – Management Information Systems Concepts and Languages
- BUS 891: Development of Electronic Business Applications

4. **Dissertation Committees and Service at University of Wisconsin – Milwaukee**

- Abhijit Dutt: "Economic Perspective on Cloud Computing: Three Essays"
- Jiao Wu: "Three Essays on Human Behaviors on Social Networking Sites"
- Chair, Teaching Committee, Lubar School of Business, Year 2014-15.

5. **Case Study Development at William Davidson Institute, Univ. of Michigan**

- "Madras Cements", with B. Sudarsanan, A. Prabhakar, M. S. Krishnan and C. K. Prahalad

6. **Service at University of Michigan**

- Faculty Council for Graduate Programs
- Faculty Council for One Year Masters Program
- Teaching Excellence Taskforce
- Faculty Committee for Design and Development of the MBAN Program

PUBLICATIONS AND PRESENTATIONS

1. "Providing Software As A Service: A Model Of Design Decisions by SaaS Provider", with Abhijit Dutt and Hemant Hain, *Information Systems and e-Business Management*, 2018.

2. "How Client Capabilities, Vendor Configuration, and Location Impact BPO Outcomes", with Jonathan Whitaker and M. S. Krishnan, *Journal of Computer Information Systems*, 2018.

3. "Joint Effect of Team Structure and Software Architecture in Open Source Software Development", with Ning Nan, *IEEE Transactions on Engineering Management*, Vol 60, No 3, Aug 2013

4. "Using Social Network Analysis to Inform Management of Open Source Software Development", Sanjeev Kumar, in: *Proceedings of the 48th Hawaii International Conference on System Sciences (HICSS) 2015*, Kauai, Hawaii.

5. "Capacity Planning in Cloud Computing: An Econometric Perspective": Abhijit Dutt, Sanjeev Kumar and Hemant Jain, *International Symposium of Information Systems (ISIS) 2014*, Jodhpur, India.

6. "Using Social Network Analysis to Inform Management of Open Source Software Development", Sanjeev Kumar, *Special Interest Group on Information Quality (SIGIQ) Research Workshop 2012*, Orlando, FL.

7. "Information Sharing Beyond Firm Boundaries: A Taxonomy and Research Framework", Sanjeev Kumar, in: *Proceedings of the 18th Americas Conference on Information Systems (AMCIS) 2012*, Seattle, WA.

8. "Antecedents and Effect of IT Usage on Performance: A Research Framework and Empirical Study", Sanjeev Kumar, Terence Saldanha and M. S. Krishnan, in: *Proceedings of the 17th Americas Conference on Information Systems (AMCIS) 2011*, Detroit, MI.

9. "Quality and Time Outcomes of Onshore and Offshore Business Process Outsourcing", *Proceedings of the 13th Americas Conference on Information Systems (AMCIS) 2011*, Detroit, MI.

10. "Empirical Study of Decision Making in Peer to Peer Electronic Markets", Sanjeev Kumar and M. S. Krishnan, *15th INFORMS Annual Conference on Information Systems and Technologies (CIST) 2010*, Austin, TX.

11. "How Much Do You Save By Using Free Software? Cost Impact of Open Source Software Adoption", Sanjeev Kumar and M. S. Krishnan, *15th INFORMS Annual Conference on Information Systems and Technologies (CIST) 2010*, Austin, TX.

12. "Empirical Analysis of Antecedents of Perceived Customer Satisfaction with Linux", Sanjeev Kumar and M. S. Krishnan, in: *Proceedings of the 15th Americas Conference on Information Systems (AMCIS) 2009*, San Francisco, CA.

13. "SOA and Information Sharing in Supply Chain: 'How' Information is Shared Matters!", Sanjeev Kumar, Vijay Dakshinamoorthy and M. S. Krishnan, in: *Proceedings of the 28th International Conference on Information Systems (ICIS) 2007*, Montreal, Canada. **Nominated for the Best Paper Award.**

14. "Impact of SOA Use on Performance Outcomes of Information Sharing in Supply Chain", Sanjeev Kumar, Vijay Dakshinamoorthy and M. S. Krishnan, *12th INFORMS Annual Conference on Information Systems and Technologies (CIST) 2007*, Seattle. **Awarded the Best Doctoral Student Paper Award.**

15. "Bank of One: Empirical Analysis of Peer-to-Peer Financial Marketplaces", Sanjeev Kumar, in: *Proceedings of the 13th Americas Conference on Information Systems (AMCIS) 2007*, Keystone, Colorado.

16. "Embedded Trust in Open Source Software Development Communities", Ning Nan, Sanjeev Kumar and Li Wang, *Academy of Management Annual Meeting, 2007*, Philadelphia.

17. "Collaboration Network Structure in Open Source Software Projects", Ning Nan, Sanjeev Kumar and Li Wang, *5th AIS SIGSAND Symposium on Research in System Analysis and Design 2007*, Tulsa, Oklahoma.

18. "Does SOA Improve the Supply Chain? An Empirical Analysis of Impact of SOA Adoption on Electronic Supply Chain Performance", Sanjeev Kumar, Vijay Dakshinamoorthy and M. S. Krishnan, in: *Proceedings of the 40th Hawaii International Conference on System Sciences (HICSS) 2007*, Big Island, Hawaii. **Nominated for the Best Paper Award**.

19. "Empirical Analysis of Determinants of Perceived Customer Satisfaction with Open Source Software", Sanjeev Kumar and M. S. Krishnan, *Organizations and Society in Information Systems (OASIS) Workshop, International Federation for Information Processing (IFIP) Working Group 8.2, 2006*, Milwaukee, Wisconsin.

20. "Quality and Cost Outcomes of Onshore and Offshore Business Process Outsourcing", Jonathan Whittaker, Sanjeev Kumar and M. S. Krishnan, *11th INFORMS Annual Conference on Information Systems and Technologies (CIST) 2006*, Pittsburgh.

21. "Do CEO Characteristics Influence the Technology Strategy of a Firm", Srinivas Kudaravalli, Sunil Mithas and Sanjeev Kumar, *11th INFORMS Annual Conference on Information Systems and Technologies (CIST) 2006*, Pittsburgh.

22. "Metrics to Support Open Source Software Adoption Decisions", Sanjeev Kumar and Li Wang, in: *Proceedings of the 12th Americas Conference on Information Systems (AMCIS) 2006*, Acapulco, Mexico.

23. "Impact of Open Source Software Adoption on Firm IT Expenditure", Sanjeev Kumar and M. S. Krishnan, *Workshop on Information Systems and Economics (WISE) 2005*, Irvine, California.

PROFESSIONAL SERVICE

1. **Ad-Hoc Journal Reviewer**: Information Systems Research, Journal of Database Management, DATA BASE for Advances in Information Systems, Electronic Commerce Research and Applications, Journal of Strategic Information Systems, IEEE Transactions on Engineering Management.

2. **Conference Reviewer**: International Conference on Information Systems (ICIS), Americas Conference on Information Systems (AMCIS), Annual Meeting of the Academy of Management.